

# Converting Colors

YUV(240.9580, -9.8393,  
-17.5032)

Have a look what the booklet for  
YUV(240.9580, -9.8393, -17.5032)  
contains.

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# Color

**YUV(240.9580, -9.8393,  
-17.5032)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDFFDD
RGB	221, 255, 221
RGB Percent	87%, 100%, 87%
CMY	0.1333, 0.0000, 0.1333
CMYK	0.13, 0.00, 0.13, 0.00
HSL	120°, 100%, 93%
HSV	120°, 13%, 100%
XYZ	78.6299, 92.1126, 82.0419
YIQ	240.9580, -9.3500, -17.7820

# Conversions

## Conversions Part 2

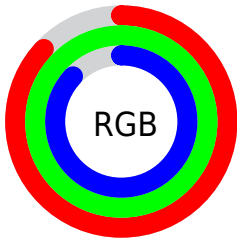
Format	Color
R <sub>Y</sub> B	221, 255, 255
Decimal	14548957
CIE Lab	96.87, -17.12, 12.60
CIE LCh	97, 21.257, 143.636
Yxy	92.1126, 0.3111, 0.3644
Android (android.graphics.Color)	4292739037 (0xFFDDFFDD)
YUV	240.9580, -9.8393, -17.5032
Hunter-Lab	95.9753, -21.7167, 16.5003

# Details

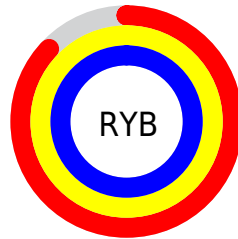
The YUV color **240.9580, -9.8393, -17.5032** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235.0420, 9.8393, 17.5032**, and the grayscale version is **241.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **184.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **230.6330, -17.0741, -30.3731**, and if you desaturate by 10%, it is **251.6960, -2.3151, -4.1184**.

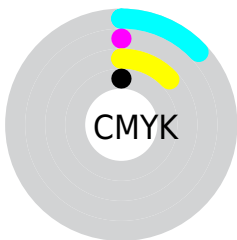
# Distribution



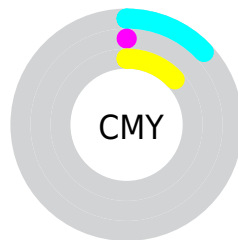
- Red (87%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 240.9580, -9.8393, -17.5032 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 240.9580, -9.8393, -17.5032 by changing the saturation by 10% instead.



 240.9580, -9.8393,  
-17.5032


 240.9580, -9.8393,  
-17.5032


255.0000, 0.0000,  
0.0000


 212.3710, -9.5499,  
-16.9884

 184.7840, -9.2605,  
-16.4736

 157.8980, -8.8237,  
-16.5735

 131.3110, -8.5343,  
-16.0587

 106.6100, -8.6817,  
-15.4440

 82.1370, -7.9555,  
-15.0291

 58.6640, -7.2294,

-14.6143

■ 36.1910, -6.5032,  
-14.1995

■ 16.4360, -8.1029,  
-14.4144

■ 240.9580, -9.8393,  
-17.5032

■ 240.9580, -9.8393,  
-17.5032

■ 230.6330,  
-17.0741, -30.3731

■ 251.6960, -2.3151,  
-4.1184

■ 219.8950,  
-24.5982, -43.7579

255.0000, 0.0000,  
0.0000

■ 209.5700,  
-31.8330, -56.6279

■ 198.8320,  
-39.3572, -70.0127

■ 188.5070,  
-46.5920, -82.8826

■ 177.7690,  
-54.1161, -96.2674

■ 167.4440,  
-61.3509, -109.1374

■ 156.7060,  
-68.8751, -122.5222

■ 149.6850,  
-73.7947, -131.2737

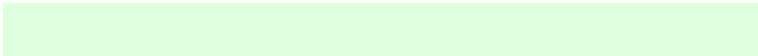
# Harmonies

## Analogous

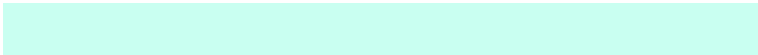
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.7170, -17.6085, 1.1252



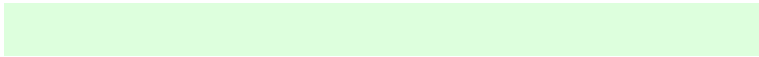
240.9580, -9.8393, -17.5032



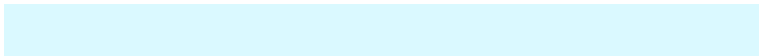
237.2580, 1.8448, -31.7983

# Triad

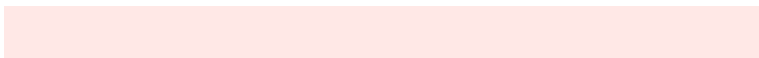
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.9580, -9.8393, -17.5032



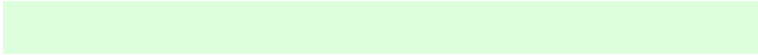
240.4150, 7.1904, -19.6580



238.6490, -4.2640, 14.3398

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



240.9580, -9.8393, -17.5032



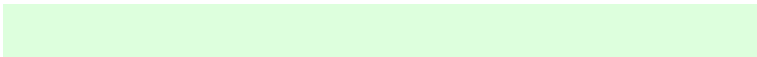
235.0420, 9.8393, 17.5032

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.0430, 4.9088, 12.2403



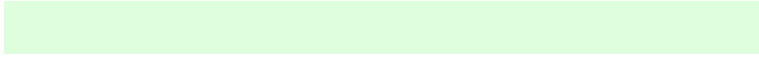
240.9580, -9.8393, -17.5032



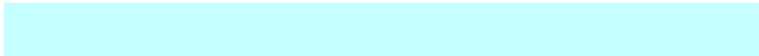
244.0800, 5.3836, -0.0702

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



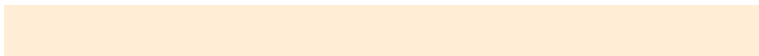
240.9580, -9.8393, -17.5032



237.9570, 8.4022, -35.0423



243.8470, 5.4984, 9.7812

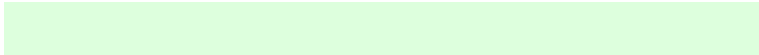


239.7600, -12.6997, 13.3655

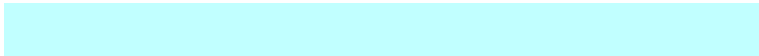


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.9580, -9.8393, -17.5032



236.4620, 9.1392, -38.1162



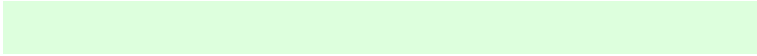
243.8470, 5.4984, 9.7812



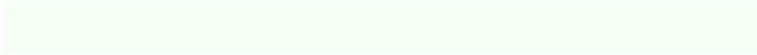
239.4470, -1.2064, 13.6400

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



240.9580, -9.8393, -17.5032



250.8700, -2.8939, -5.1480



251.1240, -14.8511, 3.3993



125.1090, -2.0257, -3.6036



0.0000, 0.0000, 0.0000

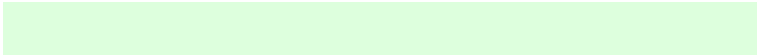


128.0000, 0.0000, 0.0000

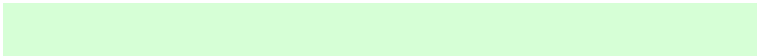


# Same Dimension

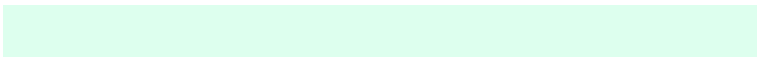
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9580, -9.8393, -17.5032



238.0670, -11.8650, -21.1068



242.8960, -2.4137, -19.2028



122.6310, -3.7621, -6.6924



112.1170, -55.2737, -98.3266



37.5680, -18.5210, -32.9471



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



235.0420, 9.8393, 17.5032



230.9330, 11.8650, 21.1068



233.1040, 2.4137, 19.2028



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471



# Previews

## White Background



This preview shows how the YUV color 240.9580, -9.8393, -17.5032 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

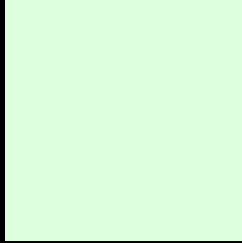
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.9580, -9.8393, -17.5032 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

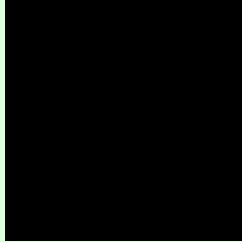
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

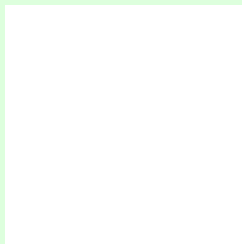
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 240.9580, -9.8393, -17.5032 Background



This preview shows how black text looks on a background with the YUV color 240.9580, -9.8393, -17.5032.



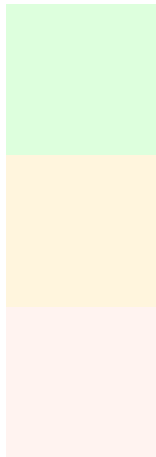
This preview shows how white text looks on a background with the YUV color 240.9580, -9.8393,

-17.5032.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

240.9580, -9.8393, -17.5032

### Protanopia

245.2540, -11.9572, 8.5472

### Deuteranopia

246.2460, -3.0793, 7.6773



## Tritanopia

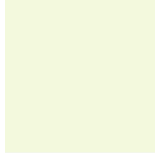
245.5200, 4.6736, -5.7180

# Trichromacy



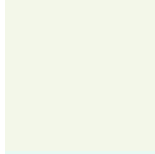
## Original Color

240.9580, -9.8393, -17.5032



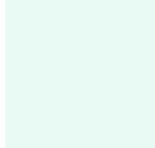
## Protanomaly

244.0140, -11.3459, -0.8893



## Deuteranomaly

244.2080, -5.5255, -1.0594



## Tritanomaly

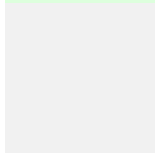
243.8200, -0.4043, -10.3661

# Monochromacy



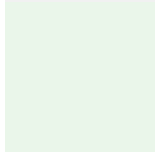
## Original Color

240.9580, -9.8393, -17.5032



## Achromatopsia

241.0000, 0.0000, 0.0000



## Achromatomaly

241.0440, -3.4727, -6.1776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.9580, -9.8393, -17.5032 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(221, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 221) }
```

## Border

The CSS property to change the border of an element to YUV 240.9580, -9.8393, -17.5032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 255, 221) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 255, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 240.9580, -9.8393, -17.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
255, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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