

# Converting Colors

YUV(242.1980, 6.3114,  
-17.7136)

Have a look what the booklet for  
YUV(242.1980, 6.3114, -17.7136)  
contains.

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# Color

**YUV(242.1980, 6.3114,  
-17.7136)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEFAFF
RGB	222, 250, 255
RGB Percent	87%, 98%, 100%
CMY	0.1294, 0.0196, 0.0000
CMYK	0.13, 0.02, 0.00, 0.00
HSL	189°, 100%, 94%
HSV	189°, 13%, 100%
XYZ	82.3598, 91.1208, 107.8550
YIQ	242.1980, -18.2930, -4.3810

# Conversions

## Conversions Part 2

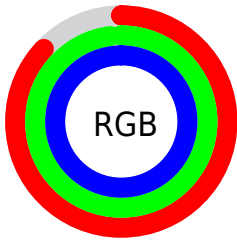
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 237, 255
Decimal	14613247
CIE <sub>Lab</sub>	96.46, -8.06, -5.47
CIE <sub>LCh</sub>	96, 9.741, 214.181
Yxy	91.1208, 0.2927, 0.3239
Android (android.graphics.Color)	4292803327 (0xFFDEFAFF)
YUV	242.1980, 6.3114, -17.7136
Hunter-Lab	95.4572, -13.0416, -0.1704

# Details

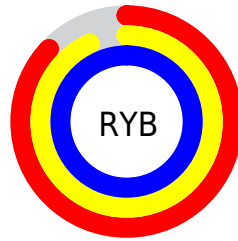
The YUV color  $242.1980, 6.3114, -17.7136$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $234.8020, -6.3114, 17.7136$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $186.3830, 5.7272, -16.9989$  is the 20% darker color. If you saturate the color by 10%, you get  $232.3750, 11.1541, -31.0239$ , and if you desaturate by 10%, it is  $252.3200, 1.3212, -3.7886$ .

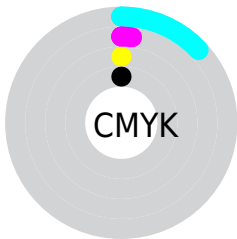
# Distribution



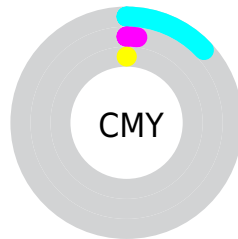
- Red (87%)
- Green (98%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 242.1980, 6.3114, -17.7136 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 242.1980, 6.3114, -17.7136 by changing the saturation by 10% instead.



■ 242.1980, 6.3114,  
-17.7136

■ 242.1980, 6.3114,  
-17.7136

255.0000, 0.0000,  
0.0000

■ 213.4970, 6.1640,  
-17.0989

■ 186.3830, 5.7272,  
-16.9989

■ 158.7960, 6.0166,  
-16.4841

■ 132.7960, 6.0166,  
-16.4841

■ 107.0950, 5.8692,  
-15.8693

■ 82.9810, 5.4324,  
-15.7693

■ 59.3940, 5.7218,

-15.2545

■ 37.2800, 5.2850,  
-15.1546

■ 17.1660, 4.8482,  
-15.0546

■ 242.1980, 6.3114,  
-17.7136

■ 242.1980, 6.3114,  
-17.7136

■ 232.3750, 11.1541,  
-31.0239

■ 252.3200, 1.3212,  
-3.7886

■ 222.2530, 16.1443,  
-44.9489

255.0000, 0.0000,  
0.0000

■ 212.4300, 20.9870,  
-58.2591

■ 202.8950, 25.6878,  
-72.6989

■ 193.0720, 30.5305,  
-86.0091

■ 182.9500, 35.5207,  
-99.9341

■ 173.1270, 40.3634,  
-113.2444

■ 163.0050, 45.3535,  
-127.1694

■ 155.8620, 48.8750,  
-136.6910

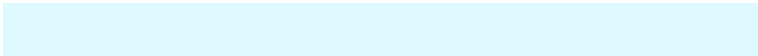
# Harmonies

## Analogous

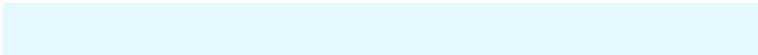
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.0580, 1.9434, -16.7139



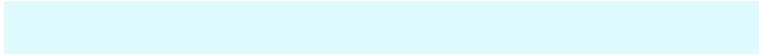
242.1980, 6.3114, -17.7136



242.5190, 6.1531, -13.6102

# Triad

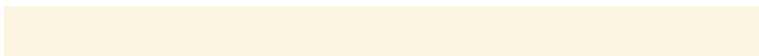
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.1980, 6.3114, -17.7136



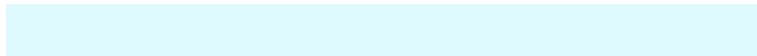
245.9670, 3.4673, 7.9219



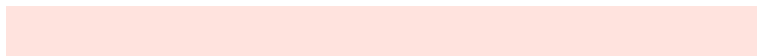
244.9270, -9.3310, 6.2030

# Complementary

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



242.1980, 6.3114, -17.7136



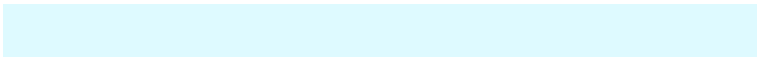
234.8020, -6.3114, 17.7136

# 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.



243.7040, -7.7421, 9.9066



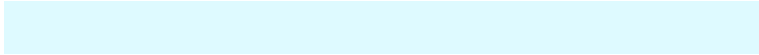
242.1980, 6.3114, -17.7136



244.3540, -0.1745, 9.3365

# Square

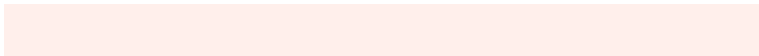
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.1980, 6.3114, -17.7136



245.5750, 4.6465, 3.0037



243.3280, -4.1057, 10.2363

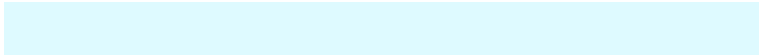


243.7410, -7.2673, -2.4039

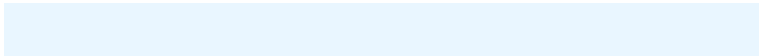


# Rectangle

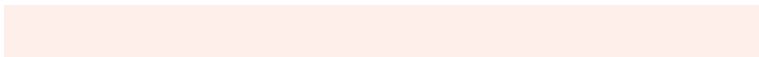
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.1980, 6.3114, -17.7136



243.1390, 5.8475, -8.8919



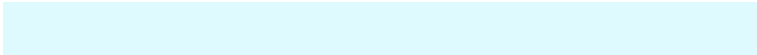
243.3280, -4.1057, 10.2363



244.6500, -9.1944, 9.0770

# Sweetspot

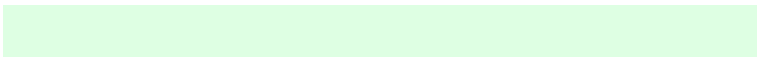
The Sweet Spot groups the original color and five complimentary colors.



242.1980, 6.3114, -17.7136



250.8360, 2.0529, -5.1182



241.9410, -7.3659, -17.4883



125.3200, 1.3212, -3.7886



0.0000, 0.0000, 0.0000

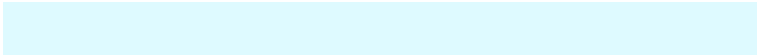


128.0000, 0.0000, 0.0000

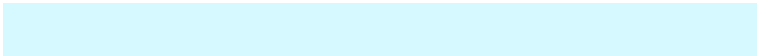


# Same Dimension

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



242.1980, 6.3114, -17.7136



239.2190, 7.7800, -22.1171



232.8060, 10.9416, -9.4769



122.9390, 2.4951, -6.9625



116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977



# Inverse Universe

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



235.0590, 7.3659, 17.4883



230.2490, 9.2442, 21.7066



244.1940, -10.9416, 9.4769



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260

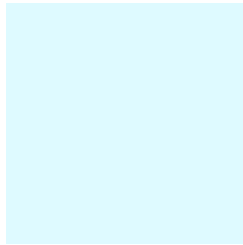


25.2920, 14.1530, 33.9469



# Previews

## White Background



This preview shows how the YUV color 242.1980, 6.3114, -17.7136 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

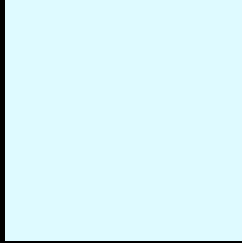
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.1980, 6.3114, -17.7136 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

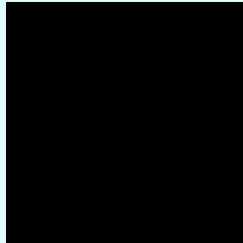
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 242.1980, 6.3114, -17.7136

## Background



This preview shows how black text looks on a background with the YUV color 242.1980, 6.3114, -17.7136.



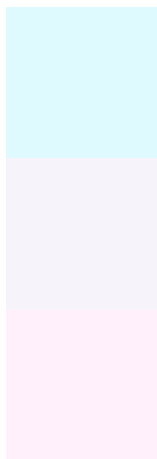
This preview shows how white text looks on a background with the YUV color 242.1980, 6.3114, -17.7136.

-17.7136.

# 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

242.1980, 6.3114, -17.7136

### Protanopia

245.1080, 2.9048, 1.6593

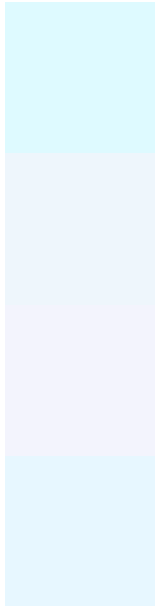
### Deuteranopia

245.8530, 3.0305, 8.0219

## **Tritanopia**

244.0360, 5.4053, -7.0476

# Trichromacy



## Original Color

242.1980, 6.3114, -17.7136

## Protanomaly

244.2920, 3.8000, -5.5181

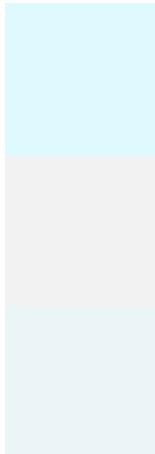
## Deuteranomaly

244.7270, 4.0786, -1.5146

## Tritanomaly

243.1280, 5.8529, -10.6363

# Monochromacy



## Original Color

242.1980, 6.3114, -17.7136

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

242.2380, 2.3477, -6.3477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.1980, 6.3114, -17.7136 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(222, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 250, 255)  
}
```

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(222, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 250, 255) }
```

## Border

The CSS property to change the border of an element to YUV 242.1980, 6.3114, -17.7136 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(222, 250, 255) }
```



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

```
.border{ border-color:rgb(222, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(222, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 250,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 242.1980, 6.3114, -17.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 250, 255) }
```

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

```
.background{ background-color: rgb(222,  
250, 255) }
```

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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