

# Converting Colors

YUV(240.7020, -8.2341,  
-19.0327)

Have a look what the booklet for  
YUV(240.7020, -8.2341, -19.0327)  
contains.

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# Color

**YUV(240.7020, -8.2341,  
-19.0327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBFFE0
RGB	219, 255, 224
RGB Percent	86%, 100%, 88%
CMY	0.1412, 0.0000, 0.1216
CMYK	0.14, 0.00, 0.12, 0.00
HSL	128°, 100%, 93%
HSV	128°, 14%, 100%
XYZ	78.4280, 91.9619, 84.1378
YIQ	240.7020, -11.5050, -17.2730

# Conversions

## Conversions Part 2

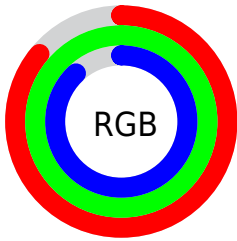
Format	Color
R <sub>Y</sub> B	219, 251, 255
Decimal	14417888
CIE Lab	96.80, -17.25, 10.96
CIE LCh	97, 20.442, 147.574
Yxy	91.9619, 0.3081, 0.3613
Android (android.graphics.Color)	4292607968 (0xFFDBFFE0)
YUV	240.7020, -8.2341, -19.0327
Hunter-Lab	95.8968, -21.8353, 15.1079

# Details

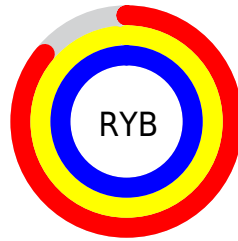
The YUV color **240.7020, -8.2341, -19.0327** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233.2980, 8.2341, 19.0327**, and the grayscale version is **241.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **184.5280, -7.6553, -18.0031** is the 20% darker color. If you saturate the color by 10%, you get **230.7190, -14.1585, -32.2026**, and if you desaturate by 10%, it is **250.6850, -2.3097, -5.8627**.

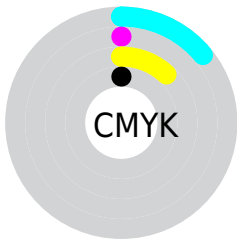
# Distribution



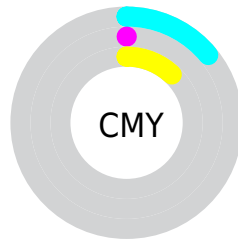
- Red (86%)
- Green (100%)
- Blue (88%)



- Red (86%)
- Yellow (98%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 240.7020, -8.2341, -19.0327 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 240.7020, -8.2341, -19.0327 by changing the saturation by 10% instead.




 240.7020, -8.2341,  
-19.0327

 240.7020, -8.2341,  
-19.0327

255.0000, 0.0000,  
0.0000


 212.1150, -7.9447,  
-18.5179

 184.5280, -7.6553,  
-18.0031

 157.5280, -7.6553,  
-18.0031

 131.3540, -7.0765,  
-16.9735

 106.3540, -7.0765,  
-16.9735

 81.7670, -6.7871,  
-16.4587

 58.2940, -6.0609,

-16.0438

■ 35.8210, -5.3348,  
-15.6290

■ 16.4360, -8.1029,  
-14.4144

■ 240.7020, -8.2341,  
-19.0327

■ 240.7020, -8.2341,  
-19.0327

■ 230.7190,  
-14.1585, -32.2026

■ 250.6850, -2.3097,  
-5.8627

■ 220.4370,  
-19.9354, -45.9872

255.0000, 0.0000,  
0.0000

■ 210.4540,  
-25.8598, -59.1572

■ 200.1720,  
-31.6368, -72.9418

■ 189.8900,  
-37.4138, -86.7265

■ 179.9070,  
-43.3382, -99.8964

■ 169.6250,  
-49.1151, -113.6811

■ 159.6420,  
-55.0395, -126.8510

■ 153.6750,  
-58.5068, -134.7730

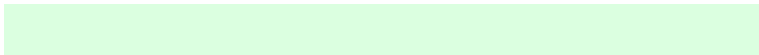
# Harmonies

## Analogous

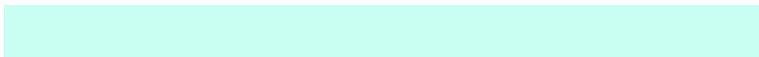
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.0480, -16.2927, -0.9191



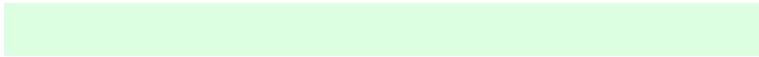
240.7020, -8.2341, -19.0327



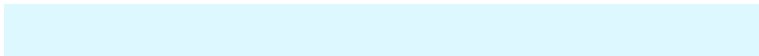
237.4860, 2.7184, -31.9982

# Triad

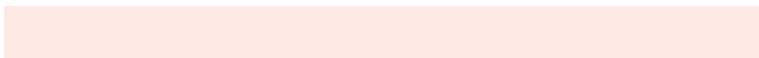
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.7020, -8.2341, -19.0327



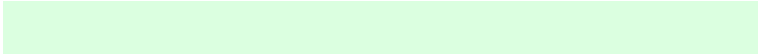
241.0240, 6.8902, -16.6840



239.0080, -5.4269, 14.0250

# Complementary

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



240.7020, -8.2341, -19.0327



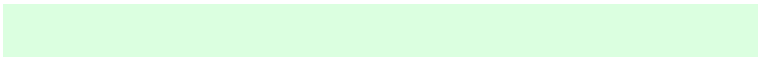
233.2980, 8.2341, 19.0327

# 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.



240.7010, 3.5984, 12.5402



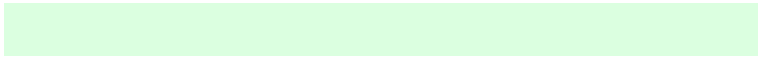
240.7020, -8.2341, -19.0327



244.6890, 5.0833, 2.9037

# Square

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



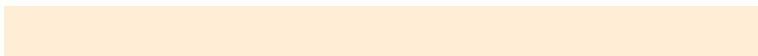
240.7020, -8.2341, -19.0327



238.2670, 8.2494, -32.6832



243.2600, 5.7878, 10.2960

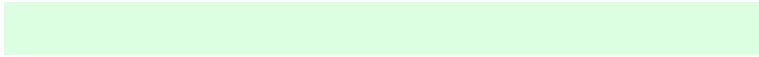


240.2330, -13.4259, 12.9507



# Rectangle

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



240.7020, -8.2341, -19.0327



237.0600, 8.8444, -36.8866



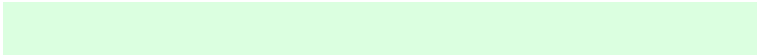
243.2600, 5.7878, 10.2960



239.2190, -2.0800, 13.8399

# Sweetspot

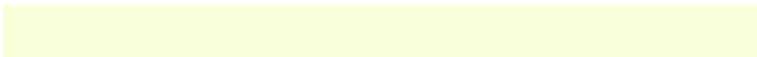
The Sweet Spot groups the original color and five complimentary colors.



240.7020, -8.2341, -19.0327



250.9840, -2.4571, -5.2480



249.4010, -14.9877, 0.5253



125.2230, -1.5889, -3.7036



0.0000, 0.0000, 0.0000

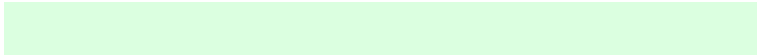


128.0000, 0.0000, 0.0000

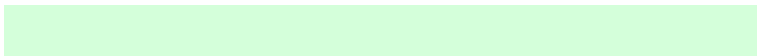


# Same Dimension

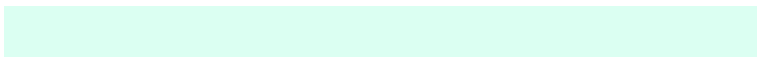
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.7020, -8.2341, -19.0327



237.9250, -9.8230, -22.7362



242.7540, -0.3717, -20.8323



122.8590, -2.8885, -6.8923



115.1950, -43.4801, -101.0260



38.5940, -14.5898, -33.8469



# Inverse Universe

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



233.2980, 8.2341, 19.0327



229.0750, 9.8230, 22.7362



231.2460, 0.3717, 20.8323



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469



# Previews

## White Background



This preview shows how the YUV color 240.7020, -8.2341, -19.0327 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

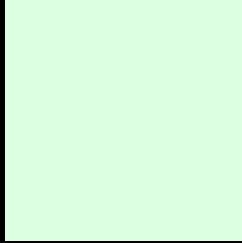
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.7020, -8.2341, -19.0327 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

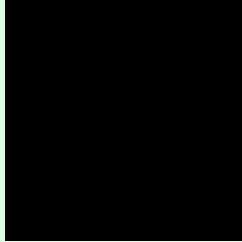
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

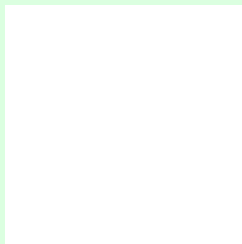
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 240.7020, -8.2341, -19.0327

## Background



This preview shows how black text looks on a background with the YUV color 240.7020, -8.2341, -19.0327.



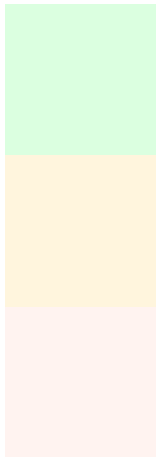
This preview shows how white text looks on a background with the YUV color 240.7020, -8.2341,

-19.0327.

# 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

240.7020, -8.2341, -19.0327

### Protanopia

245.2540, -11.9572, 8.5472

### Deuteranopia

246.2460, -3.0793, 7.6773



## Tritanopia

245.2210, 4.8210, -6.3328

# Trichromacy



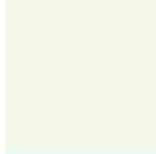
## Original Color

240.7020, -8.2341, -19.0327



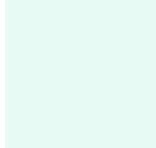
## Protanomaly

243.8290, -10.7617, -1.6040



## Deuteranomaly

244.0230, -4.9413, -1.7742



## Tritanomaly

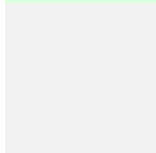
243.6350, 0.1799, -11.0809

# Monochromacy



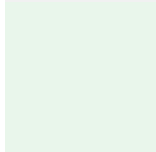
## Original Color

240.7020, -8.2341, -19.0327



## Achromatopsia

241.0000, 0.0000, 0.0000



## Achromatomaly

240.8590, -2.8885, -6.8923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.7020, -8.2341, -19.0327 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(219, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 224)  
}
```

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(219, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 224) }
```

## Border

The CSS property to change the border of an element to YUV 240.7020, -8.2341, -19.0327 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(219, 255, 224) }
```



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

```
.border{ border-color:rgb(219, 255, 224) }
```

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

Here you see how a box with a 4 pixel rgb(219, 255, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 240.7020, -8.2341, -19.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 224) }
```

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

```
.background{ background-color: rgb(219,  
255, 224) }
```

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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