

# Converting Colors

YUV(249.8250, 2.0583, -6.8625)

Have a look what the booklet for  
YUV(249.8250, 2.0583, -6.8625)  
contains.

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# Color

**YUV(249.8250, 2.0583,  
-6.8625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FD FE
RGB	242, 253, 254
RGB Percent	95%, 99%, 100%
CMY	0.0510, 0.0078, 0.0039
CMYK	0.05, 0.00, 0.00, 0.00
HSL	185°, 86%, 97%
HSV	185°, 5%, 100%
XYZ	89.6326, 96.2836, 107.6264
YIQ	249.8250, -6.8770, -2.0210

# Conversions

## Conversions Part 2

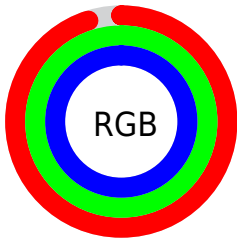
Format	Color
R <sub>Y</sub> B	242, 248, 254
Decimal	15924734
CIE Lab	98.54, -3.41, -1.74
CIE LCh	99, 3.825, 207.002
Yxy	96.2836, 0.3053, 0.3280
Android (android.graphics.Color)	4294114814 (0xFF2FD9FE)
YUV	249.8250, 2.0583, -6.8625
Hunter-Lab	98.1242, -8.6645, 3.6554

# Details

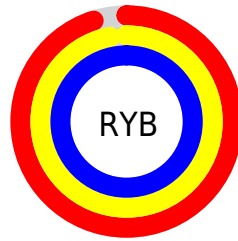
The YUV color  $249.8250, 2.0583, -6.8625$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $246.1750, -2.0583, 6.8625$ , and the grayscale version is  $250.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $193.1240, 1.9109, -6.2477$  is the 20% darker color. If you saturate the color by 10%, you get  $241.1760, 6.3222, -21.2024$ , and if you desaturate by 10%, it is  $254.8860, -0.4368, 0.1000$ .

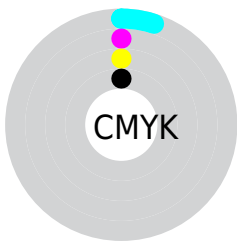
# Distribution



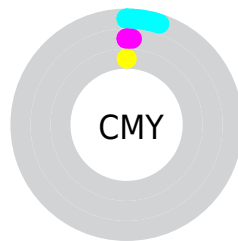
- Red (95%)
- Green (99%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 249.8250, 2.0583, -6.8625 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 249.8250, 2.0583, -6.8625 by changing the saturation by 10% instead.



249.8250, 2.0583,  
-6.8625

249.8250, 2.0583,  
-6.8625

255.0000, 0.0000,  
0.0000

221.1240, 1.9109,  
-6.2477

193.1240, 1.9109,  
-6.2477

166.1240, 1.9109,  
-6.2477

140.1240, 1.9109,  
-6.2477

114.4230, 1.7635,  
-5.6330

90.0100, 1.4741,  
-6.1478

66.4230, 1.7635,

-5.6330

■ 44.4230, 1.7635,  
-5.6330

■ 23.7220, 1.6161,  
-5.0182

■ 249.8250, 2.0583,  
-6.8625

■ 249.8250, 2.0583,  
-6.8625

■ 241.1760, 6.3222,  
-21.2024

254.8860, -0.4368,  
0.1000

■ 232.2280, 10.7336,  
-36.1570

■ 223.5790, 14.9976,  
-50.4968

■ 214.6310, 19.4089,  
-65.4514

■ 205.3950, 23.9623,  
-79.2764

■ 196.7460, 28.2262,  
-93.6162

■ 187.7980, 32.6376,  
-108.5708

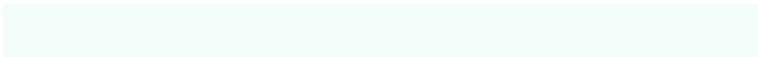
■ 179.1490, 36.9015,  
-122.9107

■ 170.2010, 41.3129,  
-137.8653

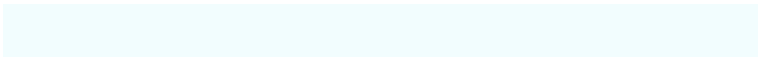
# Harmonies

## Analogous

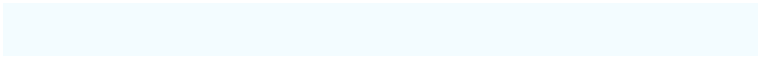
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.6680, 0.1637, -5.8478



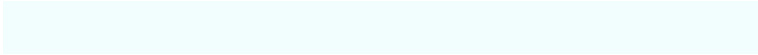
249.8250, 2.0583, -6.8625



249.6510, 2.6371, -5.8329

# Triad

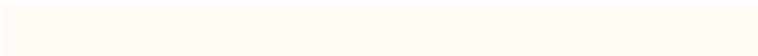
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.8250, 2.0583, -6.8625



251.4780, 1.7363, 3.0888



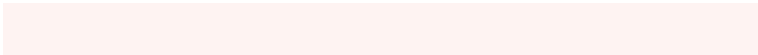
250.6970, -3.7946, 3.7737

# Complementary

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



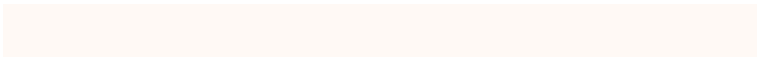
249.8250, 2.0583, -6.8625



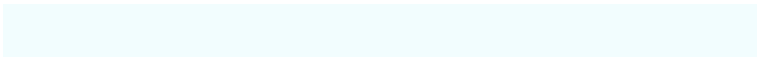
246.1750, -2.0583, 6.8625

# 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.



250.3380, -2.6316, 4.0886



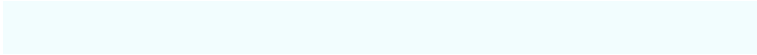
249.8250, 2.0583, -6.8625



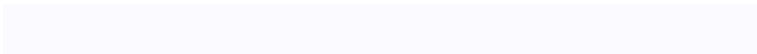
250.4350, 0.2785, 4.0035

# Square

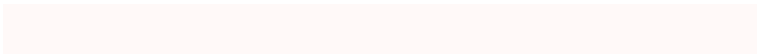
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249.8250, 2.0583, -6.8625



250.8690, 2.0366, 0.1149



250.6800, -1.3212, 3.7886

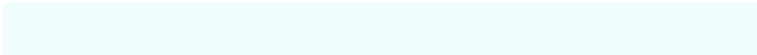


250.4900, -3.1996, -0.4297



# Rectangle

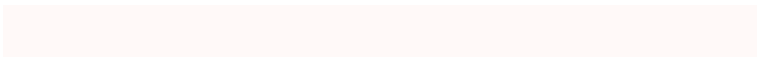
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



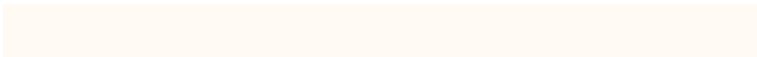
249.8250, 2.0583, -6.8625



250.2490, 2.3422, -4.6034



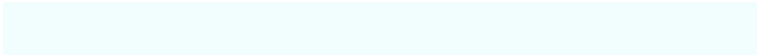
250.6800, -1.3212, 3.7886



250.8110, -3.3578, 3.6738

# Sweetspot

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



249.8250, 2.0583, -6.8625



254.1030, 0.4422, -1.8443



249.1580, -3.0359, -6.2776



126.8150, 0.5842, -0.7148



0.0000, 0.0000, 0.0000

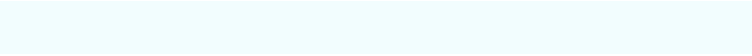


128.0000, 0.0000, 0.0000

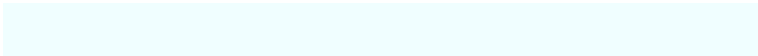


# Same Dimension

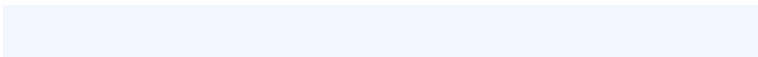
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.8250, 2.0583, -6.8625



249.9280, 2.5005, -8.7069



246.3030, 3.7946, -3.7737



124.7220, 1.6161, -5.0182



124.4990, 32.7850, -109.1856



41.3420, 11.1704, -36.2569



# Inverse Universe

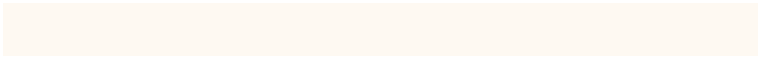
The Inverse Universe completely reimagines the original color for something new.



246.8420, 3.0359, 6.2776



246.0810, 3.9041, 7.8220



249.6970, -3.7946, 3.7737



122.6030, 2.1677, 4.7332



77.0590, 48.2849, 99.9263



25.7480, 15.9002, 33.5470



# Previews

## White Background



This preview shows how the YUV color 249.8250, 2.0583, -6.8625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

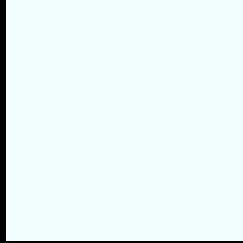
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 249.8250, 2.0583, -6.8625 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

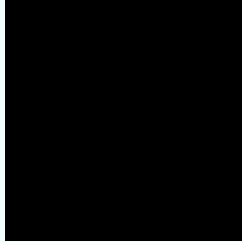
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 249.8250, 2.0583, -6.8625

## Background



This preview shows how black text looks on a background with the YUV color 249.8250, 2.0583, -6.8625.



This preview shows how white text looks on a background with the YUV color 249.8250, 2.0583, -6.8625.

-6.825.

# 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

249.8250, 2.0583, -6.8625

### Protanopia

250.8370, 0.5734, 2.7740

### Deuteranopia

251.1360, 0.4260, 3.3887

## **Tritanopia**

250.8580, 2.0420, -1.6295

# Trichromacy

## Original Color

249.8250, 2.0583, -6.8625

## Protanomaly

250.3420, 1.3104, -0.2999

## Deuteranomaly

250.3420, 1.3104, -0.2999

## Tritanomaly

250.5480, 2.1948, -3.9886

# Monochromacy

## Original Color

249.8250, 2.0583, -6.8625

## Achromatopsia

250.0000, 0.0000, 0.0000

## Achromatomaly

249.8040, 0.5896, -2.4591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 249.8250, 2.0583, -6.8625 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(242, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 253, 254)  
}
```

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(242, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 253, 254) }
```

## Border

The CSS property to change the border of an element to YUV 249.8250, 2.0583, -6.8625 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(242, 253, 254) }
```



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

```
.border{ border-color:rgb(242, 253, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 253,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 249.8250, 2.0583, -6.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 253, 254) }
```

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

```
.background{ background-color: rgb(242,  
253, 254) }
```

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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