

# Converting Colors

YUV(251.7220, 1.6161, -5.0182)

Have a look what the booklet for  
YUV(251.7220, 1.6161, -5.0182)  
contains.

<b>YUV(251.7220, 1.6161, -5.0182)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(251.7220, 1.6161,  
-5.0182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FEFF
RGB	246, 254, 255
RGB Percent	96%, 100%, 100%
CMY	0.0353, 0.0039, 0.0000
CMYK	0.04, 0.00, 0.00, 0.00
HSL	187°, 100%, 98%
HSV	187°, 4%, 100%
XYZ	91.4978, 97.6965, 108.6426
YIQ	251.7220, -5.0890, -1.3850

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 250, 255
Decimal	16187135
CIE Lab	99.10, -2.43, -1.40
CIE LCh	99, 2.808, 209.918
Yxy	97.6965, 0.3072, 0.3280
Android (android.graphics.Color)	4294377215 (0xFFFF6FEFF)
YUV	251.7220, 1.6161, -5.0182
Hunter-Lab	98.8415, -7.7347, 4.0199

# Details

The YUV color 251.7220, 1.6161, -5.0182 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.2780, -1.6161, 5.0182, and the grayscale version is 252.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 195.0210, 1.4686, -4.4034 is the 20% darker color. If you saturate the color by 10%, you get 242.4860, 6.1694, -18.8432, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

# Distribution



- Red (96%)
- Green (100%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 251.7220, 1.6161, -5.0182 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 251.7220, 1.6161, -5.0182 by changing the saturation by 10% instead.



251.7220, 1.6161,  
-5.0182

251.7220, 1.6161,  
-5.0182

255.0000, 0.0000,  
0.0000

223.0210, 1.4686,  
-4.4034

195.0210, 1.4686,  
-4.4034

168.0210, 1.4686,  
-4.4034

141.7220, 1.6161,  
-5.0182

116.0210, 1.4686,  
-4.4034

91.3200, 1.3212,  
-3.7886

68.0210, 1.4686,

-4.4034

■ 45.9070, 1.0318,  
-4.3034

■ 25.2060, 0.8844,  
-3.6887

■ 251.7220, 1.6161,  
-5.0182

■ 251.7220, 1.6161,  
-5.0182

■ 242.4860, 6.1694,  
-18.8432

255.0000, 0.0000,  
0.0000

■ 232.9510, 10.8702,  
-33.2830

■ 224.3020, 15.1341,  
-47.6229

■ 214.7670, 19.8349,  
-62.0627

■ 205.5310, 24.3882,  
-75.8877

■ 195.9960, 29.0890,  
-90.3275

■ 186.4610, 33.7897,  
-104.7673

■ 177.2250, 38.3431,  
-118.5923

■ 168.2770, 42.7544,  
-133.5469

# Harmonies

## Analogous

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



251.6790, 0.1583, -4.1035



251.7220, 1.6161, -5.0182



251.4340, 1.7580, -3.8886

# Triad

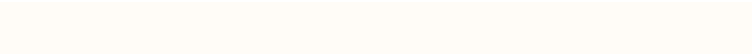
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251.7220, 1.6161, -5.0182



252.6520, 1.1576, 2.0592



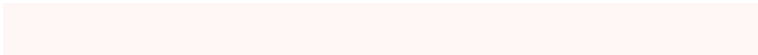
252.3270, -2.6262, 2.3442

# Complementary

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



251.7220, 1.6161, -5.0182



249.2780, -1.6161, 5.0182

# 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.



251.8540, -1.9000, 2.7590



251.7220, 1.6161, -5.0182



252.3100, -0.1528, 2.3591

# Square

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



251.7220, 1.6161, -5.0182



252.6410, 1.1630, 0.3148



252.0820, -1.0264, 2.5591



252.1310, -2.0366, -0.1149



# Rectangle

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



251.7220, 1.6161, -5.0182



252.0320, 1.4632, -2.6591



252.0820, -1.0264, 2.5591



252.3270, -2.6262, 2.3442

# Sweetspot

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



251.7220, 1.6161, -5.0182



254.1030, 0.4422, -1.8443



251.3970, -2.1677, -4.7332



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.



251.7220, 1.6161, -5.0182



251.4230, 1.7635, -5.6330



249.3740, 2.7736, -2.9590



125.3200, 1.3212, -3.7886



121.5640, 34.2319, -106.6116



40.7550, 11.4598, -35.7421



# Inverse Universe

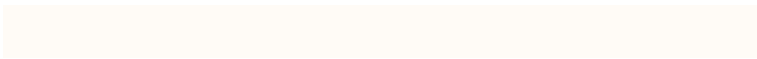
The Inverse Universe completely reimagines the original color for something new.



249.6030, 2.1677, 4.7332



249.0160, 2.4571, 5.2480



251.6260, -2.7736, 2.9590



123.7770, 1.5889, 3.7036



76.4890, 46.1009, 100.4261



25.6340, 15.4634, 33.6470



# Previews

## White Background



This preview shows how the YUV color 251.7220, 1.6161, -5.0182 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

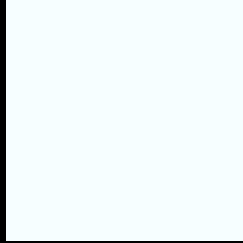
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 251.7220, 1.6161, -5.0182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

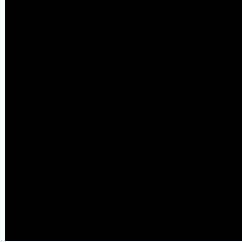
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 251.7220, 1.6161, -5.0182

## Background



This preview shows how black text looks on a background with the YUV color 251.7220, 1.6161, -5.0182.



This preview shows how white text looks on a background with the YUV color 251.7220, 1.6161, -5.0182.



# 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

251.7220, 1.6161, -5.0182

### Protanopia

252.4240, 0.2840, 2.2592

### Deuteranopia

252.4240, 0.2840, 2.2592

## Tritanopia

252.3420, 1.3104, -0.2999

# Trichromacy

## Original Color

251.7220, 1.6161, -5.0182

## Protanomaly

252.2280, 0.8736, -0.2000

## Deuteranomaly

252.2280, 0.8736, -0.2000

## Tritanomaly

252.3310, 1.3158, -2.0443

# Monochromacy

## Original Color

251.7220, 1.6161, -5.0182

## Achromatopsia

252.0000, 0.0000, 0.0000

## Achromatomaly

252.1030, 0.4422, -1.8443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 251.7220, 1.6161, -5.0182 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(246, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 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(246, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 255) }
```

## Border

The CSS property to change the border of an element to YUV 251.7220, 1.6161, -5.0182 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(246, 254, 255) }
```



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

```
.border{ border-color:rgb(246, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 251.7220, 1.6161, -5.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 255) }
```

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

```
.background{ background-color: rgb(246,  
254, 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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