

Converting Colors

YUV(165.2250, 38.8361,
-43.1703)

Have a look what the booklet for
YUV(165.2250, 38.8361, -43.1703)
contains.

YUV(165.2250, 38.8361, -43.1703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.2250, 38.8361,
-43.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	74AFF4
RGB	116, 175, 244
RGB Percent	45%, 69%, 96%
CMY	0.5451, 0.3137, 0.0431
CMYK	0.52, 0.28, 0.00, 0.04
HSL	212°, 85%, 71%
HSV	212°, 52%, 96%
XYZ	38.8616, 40.9046, 91.4351
YIQ	165.2250, -57.3130, 8.9510

Conversions

Conversions Part 2

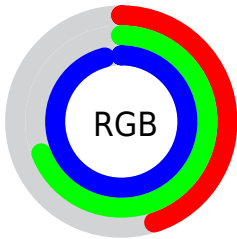
Format	Color
R _Y B	116, 156, 244
Decimal	7647220
CIE Lab	70.11, -0.05, -40.23
CIE LCh	70, 40.226, 269.923
Yxy	40.9046, 0.2270, 0.2389
Android (android.graphics.Color)	4285837300 (0xFF74AFF4)
YUV	165.2250, 38.8361, -43.1703
Hunter-Lab	63.9567, -3.4635, -39.9937

Details

The YUV color **165.2250, 38.8361, -43.1703** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **194.7750, -38.8361, 43.1703**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1060, 19.1747, -36.9270**, and **109.6650, 38.1262, -48.8182** is the 20% darker color. If you saturate the color by 10%, you get **150.4180, 46.1359, -51.2326**, and if you desaturate by 10%, it is **180.0320, 31.5362, -35.1081**.

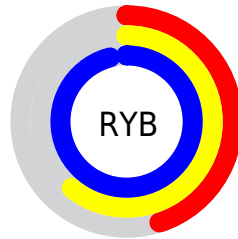
Distribution



Red (45%)

Green (69%)

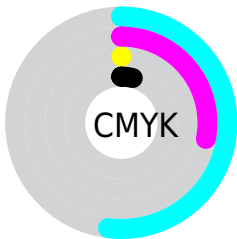
Blue (96%)



Red (45%)

Yellow (61%)

Blue (96%)

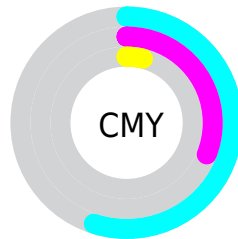


Cyan (52%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (55%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2250, 38.8361, -43.1703 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 165.2250, 38.8361, -43.1703 by changing the saturation by 10% instead.

■ 165.2250, 38.8361,
-43.1703

■ 165.2250, 38.8361,
-43.1703

255.0000, 0.0000,
0.0000

■ 137.1000, 38.4047,
-44.8147

■ 216.1060, 19.1747,
-36.9270

■ 109.6650, 38.1262,
-48.8182

■ 239.7510, 7.5178,
-31.3536

■ 75.7660, 41.5274,
-66.4468

■ 248.7210, 3.0955,
-12.9103

■ 59.3010, 36.8266,
-52.0070

■ 42.8360, 32.1259,
-37.5672

■ 28.2460, 26.9937,
-24.7717

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 165.2250, 38.8361,
-43.1703

■ 165.2250, 38.8361,
-43.1703

■ 150.4180, 46.1359,
-51.2326

■ 180.0320, 31.5362,
-35.1081

■ 135.3120, 53.5832,
-59.9096

■ 195.1380, 24.0890,
-26.4310

■ 120.5050, 60.8830,
-67.9719

■ 209.9450, 16.7891,
-18.3688

■ 104.8120, 68.6197,
-76.1341

■ 225.6380, 9.0525,
-10.2065

■ 93.5600, 74.1669,
-82.0521

■ 240.4450, 1.7526,
-2.1443

■ 253.1590, -4.5154,
1.6146

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



146.6330, 43.0719, -95.2711



165.2250, 38.8361, -43.1703



174.2090, 29.9700, 0.6937

Triad

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



165.2250, 38.8361, -43.1703



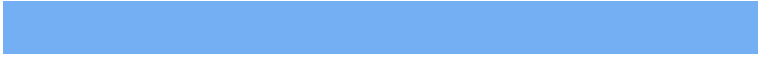
173.3790, -17.9348, 59.3036



158.8320, -12.2422, -40.1947

Complementary

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



165.2250, 38.8361, -43.1703



194.7750, -38.8361, 43.1703

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.



164.8010, -28.4959, -6.8415



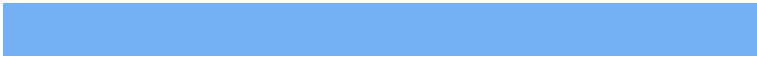
165.2250, 38.8361, -43.1703



170.9740, -30.5532, 46.5038

Square

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



165.2250, 38.8361, -43.1703



175.1240, -1.0471, 56.0193



168.5660, -35.2820, 23.1826



148.8390, 10.4324, -79.6658

Rectangle

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



165.2250, 38.8361, -43.1703



176.0720, 21.1635, 25.3699



168.5660, -35.2820, 23.1826



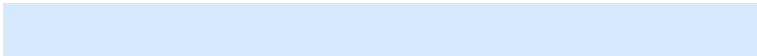
161.1880, -18.8267, -28.2289

Sweetspot

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



165.2250, 38.8361, -43.1703



229.8270, 12.4103, -13.8803



198.8880, -7.3398, -72.6928



112.3070, 7.7366, -8.1622



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.



165.2250, 38.8361, -43.1703



155.7920, 48.9095, -54.1916



131.7880, 55.3205, -10.3381



114.8900, 3.5052, -4.2885



71.6860, 56.3568, -62.8686



22.5750, 17.9575, -19.7983

Inverse Universe

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



160.9980, 6.9030, 72.7928



150.5750, 8.5905, 91.5807



228.2120, -55.3205, 10.3381



114.2720, 0.8519, 6.7775



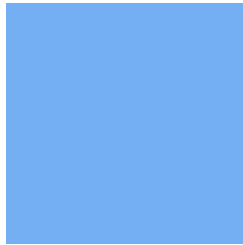
65.4180, 10.1469, 105.7504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 165.2250, 38.8361, -43.1703 looks on a white background.

Color Contrast Check

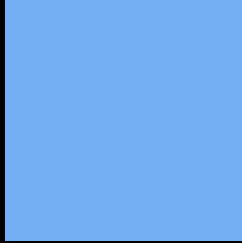
Large Text (above 18pt) WCAG AA × Fail

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 165.2250, 38.8361, -43.1703 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

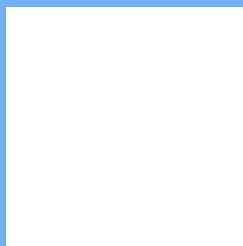
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.2250, 38.8361, -43.1703

Background



This preview shows how black text looks on a background with the YUV color 165.2250, 38.8361, -43.1703.



This preview shows how white text looks on a background with the YUV color 165.2250, 38.8361, -43.1703.

-43.1703.

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

165.2250, 38.8361, -43.1703

Protanopia

170.4130, 33.8134, -18.7792

Deuteranopia

169.5910, 37.1766, -24.1973



Tritanopia

160.4800, 18.4974, -53.0410

Trichromacy



Original Color

165.2250, 38.8361, -43.1703

Protanomaly

168.8140, 35.5877, -27.9009

Deuteranomaly

168.0740, 37.9245, -30.7599

Tritanomaly

162.4510, 25.9067, -49.5075

Monochromacy



Original Color

165.2250, 38.8361, -43.1703

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2720, 14.1629, -16.0245

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2250, 38.8361, -43.1703 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(116, 175, 244)` looks like.

```
.text, #text, p{  
    color:rgb(116, 175, 244)  
}
```

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(116, 175, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 175, 244) }
```

Border

The CSS property to change the border of an element to YUV 165.2250, 38.8361, -43.1703 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(116, 175, 244) }
```


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

```
.border{ border-color:rgb(116, 175, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 175, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 175, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 175, 244);  
box-shadow:4px 4px 4px 4px rgb(116, 175,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 165.2250, 38.8361, -43.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 175, 244) }
```

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

```
.background{ background-color: rgb(116,  
175, 244) }
```

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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