

Converting Colors

YUV(108.5290, 64.8152,
-22.3889)

Have a look what the booklet for
YUV(108.5290, 64.8152, -22.3889)
contains.

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Color

**YUV(108.5290, 64.8152,
-22.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	5360F0
RGB	83, 96, 240
RGB Percent	33%, 38%, 94%
CMY	0.6745, 0.6235, 0.0588
CMYK	0.65, 0.60, 0.00, 0.06
HSL	235°, 84%, 63%
HSV	235°, 65%, 94%
XYZ	23.4783, 16.4960, 84.3847
YIQ	108.5290, -53.9720, 42.0280

Conversions

Conversions Part 2

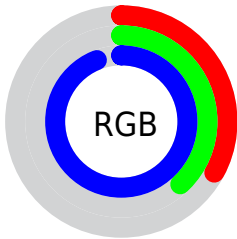
Format	Color
R_{YB}	83, 95, 240
Decimal	5464304
CIE Lab	47.62, 39.50, -74.02
CIE LCh	48, 83.904, 298.088
Yxy	16.4960, 0.1888, 0.1326
Android (android.graphics.Color)	4283654384 (0xFF5360F0)
YUV	108.5290, 64.8152, -22.3889
Hunter-Lab	40.6153, 32.1081, -94.7537

Details

The YUV color **108.5290, 64.8152, -22.3889** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **214.4710, -64.8152, 22.3889**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6110, 47.0268, -10.1828**, and **50.2120, 65.4645, -44.0359** is the 20% darker color. If you saturate the color by 10%, you get **88.4390, 74.7196, -25.8180**, and if you desaturate by 10%, it is **128.6190, 54.9108, -18.9599**.

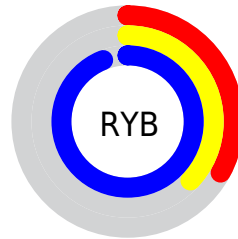
Distribution



Red (33%)

Green (38%)

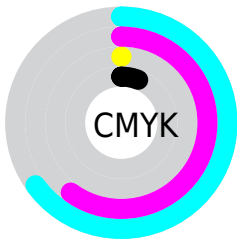
Blue (94%)



Red (33%)

Yellow (37%)

Blue (94%)

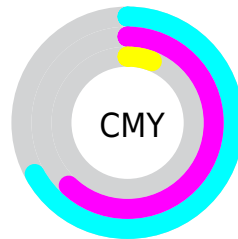


Cyan (65%)

Magenta (60%)

Yellow (0%)

Black (6%)



Cyan (67%)

Magenta (62%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.5290, 64.8152, -22.3889 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 108.5290, 64.8152, -22.3889 by changing the saturation by 10% instead.

■ 108.5290, 64.8152,
-22.3889

■ 108.5290, 64.8152,
-22.3889

255.0000, 0.0000,
0.0000

■ 78.8760, 65.1371,
-32.3403

■ 159.6110, 47.0268,
-10.1828

■ 50.2120, 65.4645,
-44.0359

■ 184.1420, 34.9330,
-4.5095

■ 34.6930, 59.3114,
-30.4258

■ 209.5480, 22.4078,
-0.4806

■ 21.6360, 52.4375,
-18.9748

■ 235.2530, 9.7353,
4.1631

■ 11.6280, 44.5534,
-10.1978

■ 14.6480, 30.7395,
-12.8463

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 108.5290, 64.8152,
-22.3889

■ 108.5290, 64.8152,
-22.3889

■ 88.4390, 74.7196,
-25.8180

■ 128.6190, 54.9108,
-18.9599

■ 68.3490, 84.6239,
-29.2471

■ 148.7090, 45.0065,
-15.5308

■ 48.2590, 94.5283,
-32.6761

■ 168.7990, 35.1021,
-12.1017

■ 39.1000, 99.0437,
-34.2907

■ 188.8890, 25.1977,
-8.6727

■ 208.9790, 15.2934,
-5.2436

■ 229.0690, 5.3890,
-1.8145

■ 249.1590, -4.5154,
1.6146

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



101.8580, 75.4990, -89.3295



108.5290, 64.8152, -22.3889



104.7710, 41.5249, 74.7458

Triad

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



108.5290, 64.8152, -22.3889



102.6180, -50.5907, 80.1420



94.8510, 5.4965, -83.1843

Complementary

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



108.5290, 64.8152, -22.3889



214.4710, -64.8152, 22.3889

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.



83.2690, -28.7266, -73.0269



108.5290, 64.8152, -22.3889



106.4410, -52.4754, 31.1852

Square

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



108.5290, 64.8152, -22.3889



74.0890, -10.8899, 133.2259



96.3650, -47.5079, -22.2451



103.6460, 36.6565, -90.8975

Rectangle

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



108.5290, 64.8152, -22.3889



82.4950, 30.3220, 121.4689



96.3650, -47.5079, -22.2451



91.4140, -5.1341, -80.1701

Sweetspot

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



108.5290, 64.8152, -22.3889



212.1620, 21.1191, -7.1581



191.5750, 17.4645, -95.2203



101.7080, 12.9620, -4.1289



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.



108.5290, 64.8152, -22.3889



86.3060, 83.1661, -28.3324



120.3330, 58.9958, 24.2640



109.9550, 4.9522, -1.7145



29.7810, 76.0300, -26.1179



9.3190, 23.0137, -8.1728

Inverse Universe

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



131.4250, -17.4645, 95.2203



115.9230, -22.6400, 121.9705



202.6670, -58.9958, -24.2640



111.7020, -1.3321, 7.2773



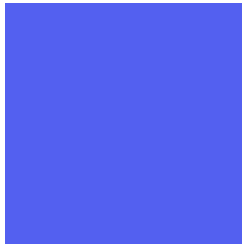
56.7260, -20.5709, 111.6193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 108.5290, 64.8152, -22.3889 looks on a white background.

Color Contrast Check

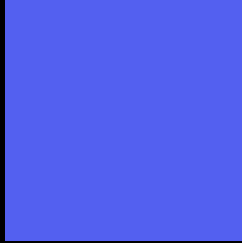
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.5290, 64.8152, -22.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.5290, 64.8152, -22.3889

Background



This preview shows how black text looks on a background with the YUV color 108.5290, 64.8152, -22.3889.



This preview shows how white text looks on a background with the YUV color 108.5290, 64.8152, -22.3889.

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

108.5290, 64.8152, -22.3889

Protanopia

89.5020, 68.7725, -78.4933

Deuteranopia

90.0770, 53.2060, -78.9975



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

108.5290, 64.8152, -22.3889

Protanomaly

96.5800, 67.2551, -58.3907

Deuteranomaly

96.6480, 57.3615, -58.4503

Tritanomaly

95.6100, 38.1533, -57.5400

Monochromacy



Original Color

108.5290, 64.8152, -22.3889

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8460, 23.7399, -7.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5290, 64.8152, -22.3889 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(83, 96, 240)` looks like.

```
.text, #text, p{  
    color:rgb(83, 96, 240)  
}
```

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(83, 96, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 96, 240) }
```

Border

The CSS property to change the border of an element to YUV 108.5290, 64.8152, -22.3889 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(83, 96, 240) }
```


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

```
.border{ border-color:rgb(83, 96, 240) }
```

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

Here you see how a box with a 4 pixel rgb(83, 96, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 96, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 96, 240);  
box-shadow:4px 4px 4px 4px rgb(83, 96,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 108.5290, 64.8152, -22.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 96, 240) }
```

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

```
.background{ background-color: rgb(83, 96,  
240) }
```

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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