

Converting Colors

YUV(67.9220, -21.6535,
38.6564)

Have a look what the booklet for
YUV(67.9220, -21.6535, 38.6564)
contains.

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Color

**YUV(67.9220, -21.6535,
38.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	703618
RGB	112, 54, 24
RGB Percent	44%, 21%, 9%
CMY	0.5608, 0.7882, 0.9059
CMYK	0.00, 0.52, 0.79, 0.56
HSL	20°, 65%, 27%
HSV	20°, 79%, 44%
XYZ	8.1661, 6.1490, 1.6206
YIQ	67.9220, 44.1980, 2.9660

Conversions

Conversions Part 2

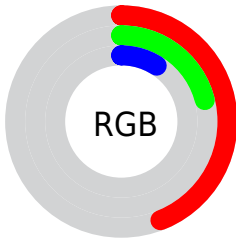
Format	Color
R_{YB}	112, 70, 24
Decimal	7353880
CIE _{Lab}	29.79, 23.28, 29.74
CIE _{LCh}	30, 37.770, 51.952
Yxy	6.1490, 0.5124, 0.3859
Android (android.graphics.Color)	4285543960 (0xFF703618)
YUV	67.9220, -21.6535, 38.6564
Hunter-Lab	24.7972, 15.3878, 13.4831

Details

The YUV color **67.9220, -21.6535, 38.6564** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **68.0780, 21.6535, -38.6564**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9720, -24.1432, 43.8746**, and **22.6250, -11.1541, 31.0239** is the 20% darker color. If you saturate the color by 10%, you get **62.5590, -24.4326, 43.3598**, and if you desaturate by 10%, it is **73.2850, -18.8745, 33.9531**.

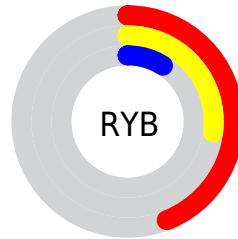
Distribution



Red (44%)

Green (21%)

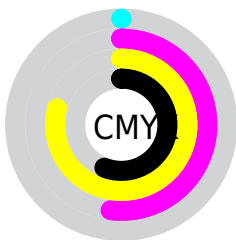
Blue (9%)



Red (44%)

Yellow (27%)

Blue (9%)

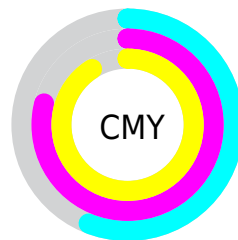


Cyan (0%)

Magenta (52%)

Yellow (79%)

Black (56%)



Cyan (56%)

Magenta (79%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9220, -21.6535, 38.6564 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 67.9220, -21.6535, 38.6564 by changing the saturation by 10% instead.

67.9220, -21.6535,
38.6564

67.9220, -21.6535,
38.6564

255.0000, 0.0000,
0.0000

43.6120, -21.5007,
36.2973

117.9720,
-24.1432, 43.8746

22.6250, -11.1541,
31.0239

144.0540,
-25.1696, 46.4336

10.8780, -4.8699,
22.0320

170.8370,
-26.0486, 48.3780

0.0000, 0.0000,
0.0000

198.3210,
-26.7803, 49.7075

217.7210,
-23.5265, 32.6937

237.9360,

-19.6884, 14.9651

251.6940,
-12.6671, 2.8994

67.9220, -21.6535,
38.6564

67.9220, -21.6535,
38.6564

62.5590, -24.4326,
43.3598

73.2850, -18.8745,
33.9531

56.6090, -26.9222,
48.5779

79.2350, -16.3849,
28.7349

55.7940, -27.5064,
49.2927

84.7120, -13.1690,
23.9316

90.6620, -10.6794,
18.7134

96.0250, -7.9003,
14.0101

■ 101.3880, -5.1213,
9.3067

■ 107.3380, -2.6316,
4.0886

■ 112.8150, 0.5842,
-0.7148

■ 118.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



67.4190, -8.5876, 47.8675



67.9220, -21.6535, 38.6564



66.4070, -30.7667, 21.5681

Triad

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



67.9220, -21.6535, 38.6564



55.6750, 2.6252, -48.8270



69.4370, 27.3926, -12.6612

Complementary

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



67.9220, -21.6535, 38.6564



68.0780, 21.6535, -38.6564

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.



59.2040, 33.9164, -51.9219



67.9220, -21.6535, 38.6564



59.6820, 15.4398, -52.3411

Square

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



67.9220, -21.6535, 38.6564



58.6700, -13.1483, -29.5286



61.3580, 26.9385, -53.8110



72.6110, 16.9538, 22.2662

Rectangle

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



67.9220, -21.6535, 38.6564



64.7320, -30.4339, 8.1280



61.3580, 26.9385, -53.8110



64.6520, 31.2306, -30.3898

Sweetspot

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



67.9220, -21.6535, 38.6564



127.5090, -8.6319, 15.3396



57.0380, 12.7993, 48.2017



63.3880, -5.1213, 9.3067



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



67.9220, -21.6535, 38.6564



76.6660, -33.3593, 59.9289



93.1630, -34.0974, 16.5200



52.9680, -1.4632, 2.6591



59.9470, -29.5539, 52.6665



123.1610, -60.7184, 108.6068

Inverse Universe

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



68.0780, 21.6535, -38.6564



77.3340, 33.3593, -59.9289



42.8370, 34.0974, -16.5200



53.0320, 1.4632, -2.6591



60.0530, 29.5539, -52.6665



123.8390, 60.7184, -108.6068

Previews

White Background



This preview shows how the YUV color 67.9220, -21.6535, 38.6564 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 ✓ Pass

Black Background



This preview shows how the YUV color 67.9220, -21.6535, 38.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

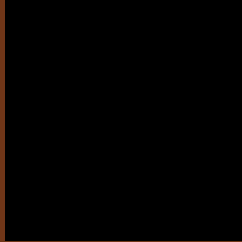
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9220, -21.6535, 38.6564

Background



This preview shows how black text looks on a background with the YUV color 67.9220, -21.6535, 38.6564.



This preview shows how white text looks on a background with the YUV color 67.9220, -21.6535,

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

67.9220, -21.6535, 38.6564

Protanopia

68.6040, -19.5248, 9.1173

Deuteranopia

68.2200, -23.7725, 18.2241



Tritanopia

69.8800, -7.8288, 37.8162

Trichromacy



Original Color

67.9220, -21.6535, 38.6564

Protanomaly

68.4420, -20.4309, 19.7834

Deuteranomaly

67.7910, -23.0680, 25.6163

Tritanomaly

69.2130, -12.9230, 38.4012

Monochromacy



Original Color

67.9220, -21.6535, 38.6564

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0250, -7.9003, 14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9220, -21.6535, 38.6564 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(112, 54, 24)` looks like.

```
.text, #text, p{  
    color:rgb(112, 54, 24)  
}
```

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(112, 54, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 54, 24) }
```

Border

The CSS property to change the border of an element to YUV 67.9220, -21.6535, 38.6564 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(112, 54, 24) }
```


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

```
.border{ border-color:rgb(112, 54, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 54, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 54, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 54, 24);  
box-shadow:4px 4px 4px 4px rgb(112, 54,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 67.9220, -21.6535, 38.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 54, 24) }
```

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

```
.background{ background-color: rgb(112, 54,  
24) }
```

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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