

Converting Colors

YUV(65.3920, -27.8013,
50.5222)

Have a look what the booklet for
YUV(65.3920, -27.8013, 50.5222)
contains.

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Color

**YUV(65.3920, -27.8013,
50.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	7B2F09
RGB	123, 47, 9
RGB Percent	48%, 18%, 4%
CMY	0.5176, 0.8157, 0.9647
CMYK	0.00, 0.62, 0.93, 0.52
HSL	20°, 86%, 26%
HSV	20°, 93%, 48%
XYZ	9.2342, 6.2637, 0.9808
YIQ	65.3920, 57.4940, 4.2940

Conversions

Conversions Part 2

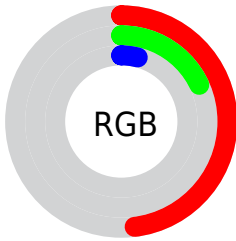
Format	Color
R_{YB}	123, 66, 9
Decimal	8072969
CIE _{Lab}	30.07, 31.29, 37.81
CIE _{LCh}	30, 49.080, 50.397
Yxy	6.2637, 0.5604, 0.3801
Android (android.graphics.Color)	4286263049 (0xFF7B2F09)
YUV	65.3920, -27.8013, 50.5222
Hunter-Lab	25.0274, 22.0621, 15.1957

Details

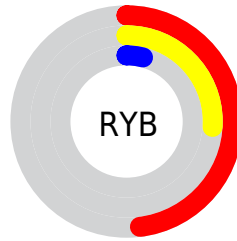
The YUV color **65.3920, -27.8013, 50.5222** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **66.6080, 27.8013, -50.5222**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.8550, -30.0015, 56.2552**, and **20.0330, -9.8763, 41.1901** is the 20% darker color. If you saturate the color by 10%, you get **60.8440, -29.9961, 54.5108**, and if you desaturate by 10%, it is **71.4560, -24.8748, 45.2041**.

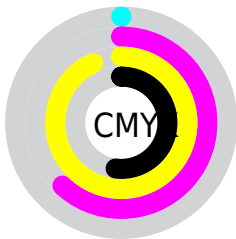
Distribution



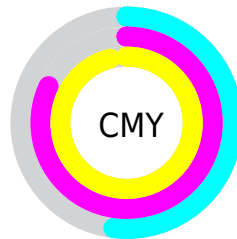
- Red (48%)
- Green (18%)
- Blue (4%)



- Red (48%)
- Yellow (26%)
- Blue (4%)



- Cyan (0%)
- Magenta (62%)
- Yellow (93%)
- Black (52%)



- Cyan (52%)
- Magenta (82%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.3920, -27.8013, 50.5222 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 65.3920, -27.8013, 50.5222 by changing the saturation by 10% instead.

■ 65.3920, -27.8013,
50.5222

■ 65.3920, -27.8013,
50.5222

■ 253.1760, -6.9888,
1.5996

■ 41.9060, -20.6597,
46.5634

■ 116.8550,
-30.0015, 56.2552

■ 20.0330, -9.8763,
41.1901

■ 143.1220,
-31.6121, 59.5290

■ 13.2700, -6.0491,
26.9502

■ 171.0900,
-33.0754, 62.1881

■ 0.0000, 0.0000,
0.0000


■ 193.7900,
-31.4485, 53.6812


■ 212.6030,
-27.9053, 37.1822


■ 232.7040,


-24.5041, 19.5536


 249.9840,
-19.2191, 4.3990


 65.3920, -27.8013,
50.5222


 65.3920, -27.8013,
50.5222


 60.8440, -29.9961,
54.5108

 71.4560, -24.8748,
45.2041

 77.6340, -21.5116,
39.7860

 84.2850, -18.8745,
33.9531

 90.3490, -15.9481,
28.6349

 96.4130, -13.0216,
23.3168

■ 102.5910, -9.6584,
17.8987

■ 108.6550, -6.7319,
12.5806

■ 115.3060, -4.0949,
6.7476

■ 121.4840, -0.7316,
1.3295

Harmonies

Analogous

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



61.8710, -7.3314, 65.0111



65.3920, -27.8013, 50.5222



67.1580, -33.1089, 26.1714

Triad

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



65.3920, -27.8013, 50.5222



57.5670, -0.2795, -50.4863



65.5090, 38.2031, -26.7564

Complementary

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



65.3920, -27.8013, 50.5222



66.6080, 27.8013, -50.5222

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.



63.1310, 41.3474, -55.3659



65.3920, -27.8013, 50.5222



62.0130, 16.7556, -54.3854

Square

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



65.3920, -27.8013, 50.5222



50.5450, -17.0307, -44.3280



65.1880, 31.4593, -57.1699



71.7780, 23.7734, 28.2587

Rectangle

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



65.3920, -27.8013, 50.5222



65.2760, -32.1811, 8.5279



65.1880, 31.4593, -57.1699



58.4350, 43.6625, -51.2475

Sweetspot

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



65.3920, -27.8013, 50.5222



138.2600, -10.9742, 19.9430



51.7500, 16.3923, 62.4862



67.6550, -6.7319, 12.5806



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



65.3920, -27.8013, 50.5222



79.8370, -39.3596, 71.1800



98.8510, -44.2965, 21.1787



57.9680, -1.4632, 2.6591



62.0290, -30.5803, 55.2256



124.6560, -61.4554, 111.6807

Inverse Universe

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



66.6080, 27.8013, -50.5222



81.1630, 39.3596, -71.1800



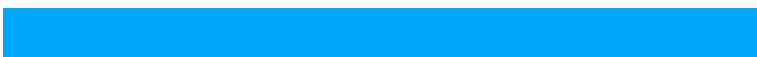
33.1490, 44.2965, -21.1787



58.0320, 1.4632, -2.6591



62.9710, 30.5803, -55.2256



127.3440, 61.4554, -111.6807

Previews

White Background



This preview shows how the YUV color 65.3920, -27.8013, 50.5222 looks on a white background.

Color Contrast Check

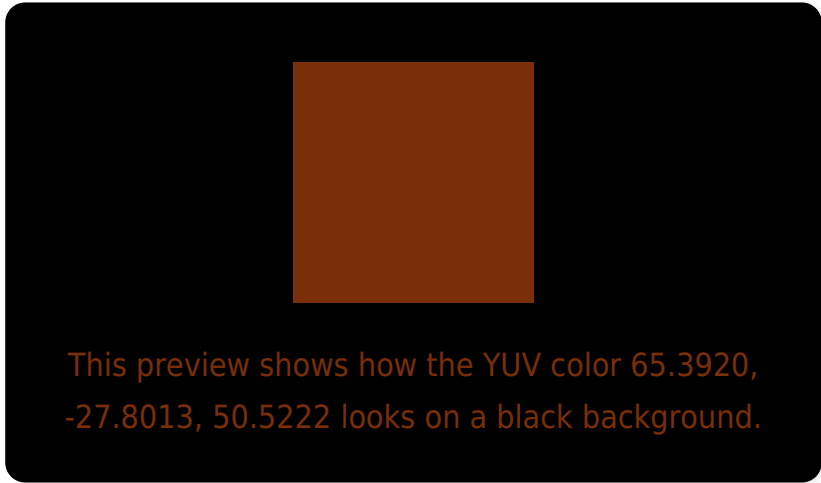
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

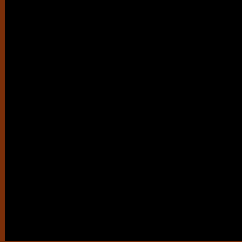
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.3920, -27.8013, 50.5222

Background



This preview shows how black text looks on a background with the YUV color 65.3920, -27.8013, 50.5222.



This preview shows how white text looks on a background with the YUV color 65.3920, -27.8013,

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

65.3920, -27.8013, 50.5222

Protanopia

68.3070, -25.7874, 11.1318

Deuteranopia

67.1250, -33.0926, 20.9384



Tritanopia

68.1480, -10.9190, 48.9822

Trichromacy



Original Color

65.3920, -27.8013, 50.5222

Protanomaly

67.1670, -26.7043, 25.2865

Deuteranomaly

66.3590, -31.2360, 32.1342

Tritanomaly

67.2530, -16.8867, 49.7671

Monochromacy



Original Color

65.3920, -27.8013, 50.5222

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8900, -9.8058, 18.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3920, -27.8013, 50.5222 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(123, 47, 9)` looks like.

```
.text, #text, p{  
    color:rgb(123, 47, 9)  
}
```

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(123, 47, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 47, 9) }
```

Border

The CSS property to change the border of an element to YUV 65.3920, -27.8013, 50.5222 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(123, 47, 9) }
```


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

```
.border{ border-color:rgb(123, 47, 9) }
```

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

Here you see how a box with a 4 pixel rgb(123, 47, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 47, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 47, 9);  
box-shadow:4px 4px 4px 4px rgb(123, 47, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.3920, -27.8013, 50.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 47, 9) }
```

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

```
.background{ background-color: rgb(123, 47,  
9) }
```

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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