

Converting Colors

YUV(63.9390, -27.5779,
25.4865)

Have a look what the booklet for
YUV(63.9390, -27.5779, 25.4865)
contains.

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Color

**YUV(63.9390, -27.5779,
25.4865)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3C08
RGB	93, 60, 8
RGB Percent	36%, 24%, 3%
CMY	0.6353, 0.7647, 0.9686
CMYK	0.00, 0.35, 0.91, 0.64
HSL	37°, 84%, 20%
HSV	37°, 91%, 36%
XYZ	6.1739, 5.5764, 0.9807
YIQ	63.9390, 36.3600, -9.1760

Conversions

Conversions Part 2

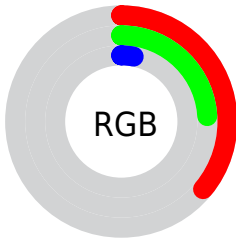
Format	Color
RYB	62, 93, 8
Decimal	6110216
CIELab	28.32, 9.97, 34.80
CIELCh	28, 36.197, 74.017
Yxy	5.5764, 0.4850, 0.4380
Android (android.graphics.Color)	4284300296 (0xFF5D3C08)
YUV	63.9390, -27.5779, 25.4865
Hunter-Lab	23.6144, 5.3429, 14.0678

Details

The YUV color **63.9390, -27.5779, 25.4865** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **37.0610, 27.5779, -25.4865**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0320, -28.6098, 29.7899**, and **23.1240, -11.4001, 16.5543** is the 20% darker color. If you saturate the color by 10%, you get **61.2660, -30.2041, 27.8307**, and if you desaturate by 10%, it is **67.3130, -24.8043, 22.5275**.

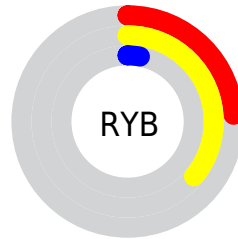
Distribution



Red (36%)

Green (24%)

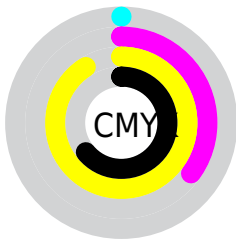
Blue (3%)



Red (24%)

Yellow (36%)

Blue (3%)

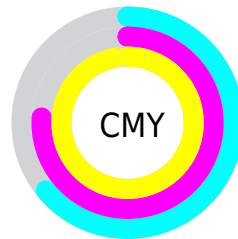


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (64%)



Cyan (64%)

Magenta (76%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9390, -27.5779, 25.4865 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 63.9390, -27.5779, 25.4865 by changing the saturation by 10% instead.

■ 63.9390, -27.5779,
25.4865

■ 63.9390, -27.5779,
25.4865

■ 253.1760, -6.9888,
1.5996

■ 42.6380, -21.0205,
22.2425

■ 113.0320,
-28.6098, 29.7899

■ 23.1240, -11.4001,
16.5543

■ 138.8150,
-29.4888, 31.7342

■ 2.0930, -1.0318,
4.3034

■ 166.1850,
-30.6572, 33.1638

■ 0.0000, 0.0000,
0.0000

■ 192.9680,
-31.5362, 35.1081

■ 219.0600,
-31.0886, 31.5194

■ 238.5740,

-27.3980, 14.4056

■ 249.9840,
-19.2191, 4.3990

■ 63.9390, -27.5779,
25.4865

■ 63.9390, -27.5779,
25.4865

■ 61.2660, -30.2041,
27.8307

■ 67.3130, -24.8043,
22.5275

■ 70.2140, -21.3045,
19.9833

■ 73.5880, -18.5309,
17.0243

■ 76.3750, -15.4679,
14.5801

■ 79.8630, -12.2575,
11.5211

■ 83.2370, -9.4838,
8.5622

■ 86.0240, -6.4208,
6.1180

■ 89.3980, -3.6472,
3.1590

■ 92.2990, -0.1474,
0.6148

Harmonies

Analogous

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



64.3720, -17.4384, 40.0158



63.9390, -27.5779, 25.4865



62.1770, -28.6813, 5.9838

Triad

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



63.9390, -27.5779, 25.4865



55.9660, 11.3558, -49.0822



69.3110, 18.5807, 13.7593

Complementary

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



63.9390, -27.5779, 25.4865



37.0610, 27.5779, -25.4865

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.



63.0010, 28.5935, -24.5569



63.9390, -27.5779, 25.4865



58.3430, 23.0019, -51.1668

Square

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



63.9390, -27.5779, 25.4865



52.0730, -1.0220, -45.6680



57.1180, 31.0008, -50.0925



66.7070, 8.0324, 37.0910

Rectangle

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



63.9390, -27.5779, 25.4865



59.9130, -21.6491, -9.5707



57.1180, 31.0008, -50.0925



68.4560, 21.9602, 3.1081

Sweetspot

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



63.9390, -27.5779, 25.4865



108.6070, -10.6523, 9.9917



37.2910, 2.3215, 48.8568



54.7250, -6.2734, 5.5032



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



63.9390, -27.5779, 25.4865



78.7310, -38.8144, 36.1929



80.9180, -35.9486, 3.5799



44.2560, -1.6052, 1.5295



72.2190, -35.6040, 33.1339



155.9780, -76.8972, 71.0563

Inverse Universe

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



37.0610, 27.5779, -25.4865



41.2690, 38.8144, -36.1929



20.0820, 35.9486, -3.5799



42.7440, 1.6052, -1.5295



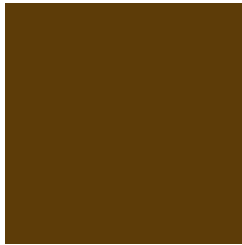
37.7810, 35.6040, -33.1339



81.0220, 76.8972, -71.0563

Previews

White Background



This preview shows how the YUV color 63.9390, -27.5779, 25.4865 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 63.9390, -27.5779, 25.4865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

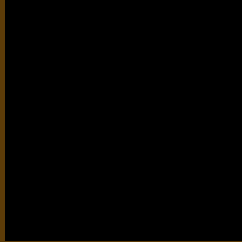
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9390, -27.5779, 25.4865

Background



This preview shows how black text looks on a background with the YUV color 63.9390, -27.5779, 25.4865.



This preview shows how white text looks on a background with the YUV color 63.9390, -27.5779,

25.4865.

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

63.9390, -27.5779, 25.4865

Protanopia

63.7800, -26.5135, 10.7169

Deuteranopia

62.9830, -31.0506, 19.3089



Tritanopia

68.1170, -4.0017, 23.5764

Trichromacy



Original Color

63.9390, -27.5779, 25.4865

Protanomaly

63.6990, -26.9666, 16.0500

Deuteranomaly

63.6350, -29.8931, 21.3681

Tritanomaly

66.2390, -12.4428, 24.3464

Monochromacy



Original Color

63.9390, -27.5779, 25.4865

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.4220, -10.0680, 9.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9390, -27.5779, 25.4865 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(93, 60, 8)` looks like.

```
.text, #text, p{  
    color:rgb(93, 60, 8)  
}
```

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(93, 60, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 60, 8) }
```

Border

The CSS property to change the border of an element to YUV 63.9390, -27.5779, 25.4865 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(93, 60, 8) }
```


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

```
.border{ border-color:rgb(93, 60, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 60, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 60, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 60, 8); box-shadow:4px  
4px 4px 4px rgb(93, 60, 8) }
```

Background

The CSS property to change the background color of an element to YUV 63.9390, -27.5779, 25.4865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 60, 8) }
```

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

```
.background{ background-color: rgb(93, 60,  
8) }
```

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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