

Converting Colors

YUV(60.3990, -21.8887,
20.6981)

Have a look what the booklet for
YUV(60.3990, -21.8887, 20.6981)
contains.

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Color

**YUV(60.3990, -21.8887,
20.6981)**

Conversions

Conversions Part 1

Format	Color
Hex	543910
RGB	84, 57, 16
RGB Percent	33%, 22%, 6%
CMY	0.6706, 0.7765, 0.9373
CMYK	0.00, 0.32, 0.81, 0.67
HSL	36°, 68%, 20%
HSV	36°, 81%, 33%
XYZ	5.2128, 4.8485, 1.1513
YIQ	60.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

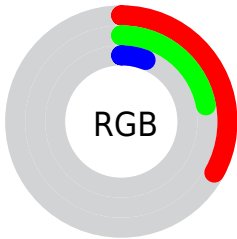
Format	Color
RYB	61, 84, 16
Decimal	5519632
CIELab	26.30, 7.65, 29.03
CIElCh	26, 30.021, 75.244
Yxy	4.8485, 0.4649, 0.4324
Android (android.graphics.Color)	4283709712 (0xFF543910)
YUV	60.3990, -21.8887, 20.6981
Hunter-Lab	22.0193, 3.7241, 12.3134

Details

The YUV color **60.3990, -21.8887, 20.6981** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **39.6010, 21.8887, -20.6981**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9650, -23.6467, 24.5867**, and **19.2700, -9.5001, 13.7952** is the 20% darker color. If you saturate the color by 10%, you get **57.7260, -24.5149, 23.0423**, and if you desaturate by 10%, it is **63.0720, -19.2625, 18.3539**.

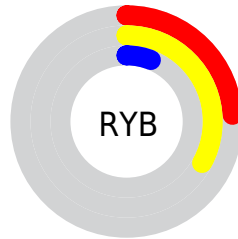
Distribution



Red (33%)

Green (22%)

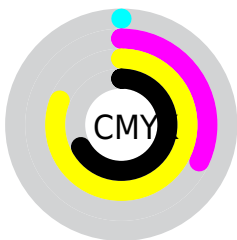
Blue (6%)



Red (24%)

Yellow (33%)

Blue (6%)

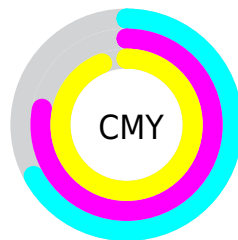


Cyan (0%)

Magenta (32%)

Yellow (81%)

Black (67%)



Cyan (67%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.3990, -21.8887, 20.6981 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 60.3990, -21.8887, 20.6981 by changing the saturation by 10% instead.

■ 60.3990, -21.8887,
20.6981

■ 60.3990, -21.8887,
20.6981

■ 253.8600, -4.3680,
0.9998

■ 38.4850, -18.9731,
18.8687

■ 108.9650,
-23.6467, 24.5867

■ 19.2700, -9.5001,
13.7952

■ 134.4490,
-24.3784, 25.9162

■ 0.0000, 0.0000,
0.0000

■ 160.8190,
-25.5468, 27.3457

■ 188.0040,
-26.1310, 28.0605

■ 215.7870,
-27.0100, 30.0048

■ 237.4970,

-23.9090, 15.3501

■ 250.6680,
-16.5983, 3.7992

■ 60.3990, -21.8887,
20.6981

■ 60.3990, -21.8887,
20.6981

■ 57.7260, -24.5149,
23.0423

■ 63.0720, -19.2625,
18.3539

■ 55.0530, -27.1411,
25.3865

■ 66.4460, -16.4889,
15.3949

■ 69.1190, -13.8627,
13.0506

■ 71.9060, -10.7997,
10.6064

■ 75.1660, -8.4628,
7.7474

■ 77.8390, -5.8366,
5.4032

■ 80.6260, -2.7736,
2.9590

■ 83.8860, -0.4368,
0.1000

■ 86.6730, 2.6262,
-2.3442

Harmonies

Analogous

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



61.3110, -14.9433, 33.0533



60.3990, -21.8887, 20.6981



58.5880, -21.9819, 3.8693

Triad

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



60.3990, -21.8887, 20.6981



51.2870, 11.1975, -44.9787



64.0890, 15.2391, 12.1999

Complementary

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



60.3990, -21.8887, 20.6981



39.6010, 21.8887, -20.6981

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.



60.4490, 22.4566, -16.1798



60.3990, -21.8887, 20.6981



52.9800, 20.2229, -46.4635

Square

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



60.3990, -21.8887, 20.6981



48.5510, 0.7144, -42.5792



52.0000, 26.6220, -45.6040



62.9790, 5.4334, 30.7134

Rectangle

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



60.3990, -21.8887, 20.6981



56.5910, -16.5604, -8.4113



52.0000, 26.6220, -45.6040



64.3160, 17.5922, 4.1079

Sweetspot

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



60.3990, -21.8887, 20.6981



100.4650, -8.6102, 8.3622



39.4100, 1.7699, 39.1054



50.6540, -5.2524, 4.6884



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



60.3990, -21.8887, 20.6981



72.5610, -34.2936, 32.8340



74.1550, -28.6704, 2.4951



39.3700, -1.1684, 1.4295



68.3760, -33.7094, 32.1192



151.5480, -74.7132, 70.5564

Inverse Universe

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



39.6010, 21.8887, -20.6981



40.4390, 34.2936, -32.8340



25.8450, 28.6704, -2.4951



38.0430, 1.4578, -0.9147



36.6240, 33.7094, -32.1192



80.4520, 74.7132, -70.5564

Previews

White Background



This preview shows how the YUV color 60.3990, -21.8887, 20.6981 looks on a white background.

Color Contrast Check

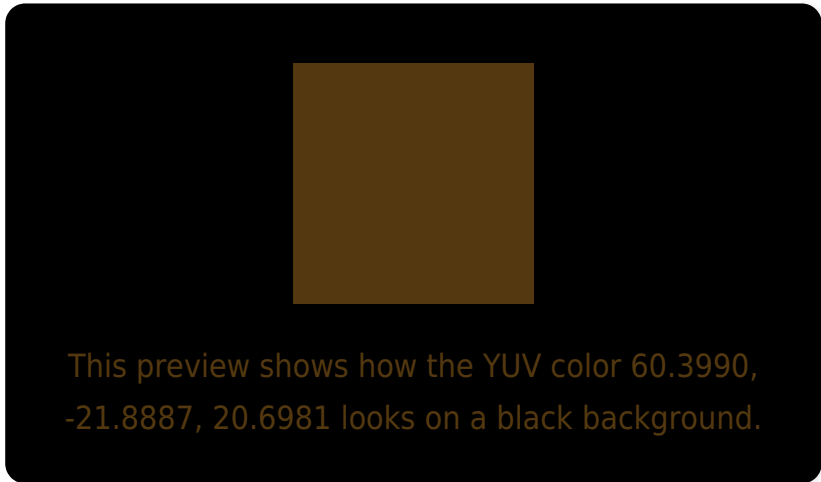
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.3990, -21.8887, 20.6981 Background



This preview shows how black text looks on a background with the YUV color 60.3990, -21.8887, 20.6981.



This preview shows how white text looks on a background with the YUV color 60.3990, -21.8887,

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

60.3990, -21.8887, 20.6981

Protanopia

59.8490, -21.1246, 8.9024

Deuteranopia

59.9640, -22.1673, 16.6946



Tritanopia

63.3230, -3.1172, 19.8877

Trichromacy



Original Color

60.3990, -21.8887, 20.6981

Protanomaly

60.1700, -21.2828, 13.0059

Deuteranomaly

59.9750, -22.1727, 18.4389

Tritanomaly

61.9010, -9.8112, 20.2578

Monochromacy



Original Color

60.3990, -21.8887, 20.6981

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2800, -8.0260, 7.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.3990, -21.8887, 20.6981 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(84, 57, 16)` looks like.

```
.text, #text, p{  
    color:rgb(84, 57, 16)  
}
```

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(84, 57, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 57, 16) }
```

Border

The CSS property to change the border of an element to YUV 60.3990, -21.8887, 20.6981 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(84, 57, 16) }
```


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

```
.border{ border-color:rgb(84, 57, 16) }
```

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

Here you see how a box with a 4 pixel rgb(84, 57, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 57, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 57, 16);  
box-shadow:4px 4px 4px 4px rgb(84, 57, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.3990, -21.8887, 20.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 57, 16) }
```

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

```
.background{ background-color: rgb(84, 57,  
16) }
```

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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