

Converting Colors

YUV(66.7990, -31.9459,
26.4863)

Have a look what the booklet for
YUV(66.7990, -31.9459, 26.4863)
contains.

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Color

**YUV(66.7990, -31.9459,
26.4863)**

Conversions

Conversions Part 1

Format	Color
Hex	614002
RGB	97, 64, 2
RGB Percent	38%, 25%, 1%
CMY	0.6196, 0.7490, 0.9922
CMYK	0.00, 0.34, 0.98, 0.62
HSL	39°, 96%, 19%
HSV	39°, 98%, 38%
XYZ	6.7741, 6.2126, 0.8995
YIQ	66.7990, 39.5700, -12.2860

Conversions

Conversions Part 2

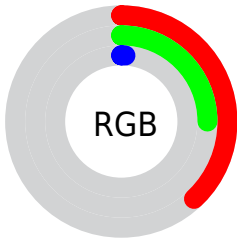
Format	Color
R_{YB}	53, 97, 2
Decimal	6373378
CIE Lab	29.94, 9.28, 38.76
CIE LCh	30, 39.853, 76.541
Yxy	6.2126, 0.4878, 0.4474
Android (android.graphics.Color)	4284563458 (0xFF614002)
YUV	66.7990, -31.9459, 26.4863
Hunter-Lab	24.9250, 4.8940, 15.3077

Details

The YUV color **66.7990, -31.9459, 26.4863** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **32.2010, 31.9459, -26.4863**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1200, -32.1042, 30.5898**, and **26.3690, -12.9999, 16.3394** is the 20% darker color. If you saturate the color by 10%, you get **65.9840, -32.5301, 27.2010**, and if you desaturate by 10%, it is **69.7000, -28.4461, 23.9421**.

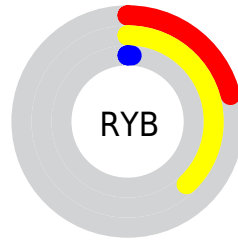
Distribution



Red (38%)

Green (25%)

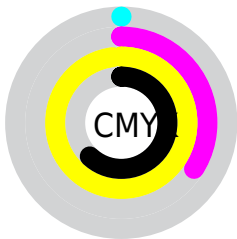
Blue (1%)



Red (21%)

Yellow (38%)

Blue (1%)

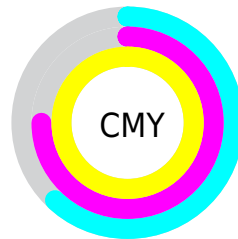


Cyan (0%)

Magenta (34%)

Yellow (98%)

Black (62%)



Cyan (62%)


Magenta (75%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 66.7990, -31.9459, 26.4863 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 66.7990, -31.9459, 26.4863 by changing the saturation by 10% instead.


 66.7990, -31.9459,
26.4863


 66.7990, -31.9459,
26.4863


 252.8340, -8.2992,
1.8996


 45.8830, -22.6203,
22.0276

 117.1200,
-32.1042, 30.5898


 26.3690, -12.9999,
16.3394


 142.9030,
-32.9832, 32.5341

 5.9800, -2.9481,
12.2955

 169.5720,
-34.2990, 34.5784

 0.0000, 0.0000,
0.0000

 197.0560,
-35.0306, 35.9079

 221.5390,
-34.2827, 29.3453

 241.1670,

-30.1553, 12.1315

■ 249.5280,
-20.9663, 4.7989

■ 66.7990, -31.9459,
26.4863

■ 66.7990, -31.9459,
26.4863

■ 65.9840, -32.5301,
27.2010

■ 69.7000, -28.4461,
23.9421

■ 73.0740, -25.6725,
20.9831

■ 75.9750, -22.1727,
18.4389

■ 78.8760, -18.6729,
15.8947

■ 82.2500, -15.8993,
12.9358

■ 85.1510, -12.3994,
10.3916

■ 88.6390, -9.1890,
7.3326

■ 91.5400, -5.6892,
4.7884

■ 94.3270, -2.6262,
2.3442

Harmonies

Analogous

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



67.8840, -20.6488, 43.0747



66.7990, -31.9459, 26.4863



64.0690, -31.5860, 4.3245

Triad

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



66.7990, -31.9459, 26.4863



59.8130, 13.4032, -52.4560



72.3870, 20.0222, 18.0776

Complementary

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



66.7990, -31.9459, 26.4863



32.2010, 31.9459, -26.4863

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.



66.6960, 31.2089, -23.4124



66.7990, -31.9459, 26.4863



61.8310, 26.2123, -54.2258

Square

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



66.7990, -31.9459, 26.4863



55.5780, -0.2850, -48.7419



60.7200, 34.6480, -53.2514



69.4520, 8.1582, 43.4536

Rectangle

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



66.7990, -31.9459, 26.4863



61.8370, -23.0906, -13.8890



60.7200, 34.6480, -53.2514



72.3470, 23.9859, 6.7117

Sweetspot

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



66.7990, -31.9459, 26.4863



113.2650, -11.9626, 10.2916



34.1670, 0.4107, 55.1045



56.6820, -7.7312, 6.4179



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



66.7990, -31.9459, 26.4863



85.5090, -42.1559, 34.6336



81.9840, -39.4321, 0.8910



46.9570, -1.4578, 0.9147



76.3390, -37.6351, 31.2747



163.3320, -80.5227, 67.2378

Inverse Universe

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



32.2010, 31.9459, -26.4863



39.4910, 42.1559, -34.6336



17.0160, 39.4321, -0.8910



45.0430, 1.4578, -0.9147



35.6610, 37.6351, -31.2747



76.0810, 80.8121, -66.7230

Previews

White Background



This preview shows how the YUV color 66.7990, -31.9459, 26.4863 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 66.7990, -31.9459, 26.4863 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 66.7990, -31.9459, 26.4863

Background



This preview shows how black text looks on a background with the YUV color 66.7990, -31.9459, 26.4863.



This preview shows how white text looks on a background with the YUV color 66.7990, -31.9459,

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

66.7990, -31.9459, 26.4863

Protanopia

66.3950, -29.2817, 11.9316

Deuteranopia

66.2390, -32.6558, 20.8384



Tritanopia

71.8290, -3.8597, 24.7060

Trichromacy



Original Color

66.7990, -31.9459, 26.4863

Protanomaly

66.2000, -30.1716, 17.3646

Deuteranomaly

66.6630, -32.3719, 23.0975

Tritanomaly

70.0820, -14.3374, 25.3611

Monochromacy



Original Color

66.7990, -31.9459, 26.4863

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9660, -11.8152, 9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7990, -31.9459, 26.4863 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(97, 64, 2)` looks like.

```
.text, #text, p{  
    color:rgb(97, 64, 2)  
}
```

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(97, 64, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 64, 2) }
```

Border

The CSS property to change the border of an element to YUV 66.7990, -31.9459, 26.4863 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(97, 64, 2) }
```


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

```
.border{ border-color:rgb(97, 64, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 64, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 64, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 64, 2); box-shadow:4px  
4px 4px 4px rgb(97, 64, 2) }
```

Background

The CSS property to change the background color of an element to YUV 66.7990, -31.9459, 26.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 64, 2) }
```

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

```
.background{ background-color: rgb(97, 64,  
2) }
```

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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