

Converting Colors

YUV(100.3590, -17.9250,
9.3322)

Have a look what the booklet for
YUV(100.3590, -17.9250, 9.3322)
contains.

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Color

**YUV(100.3590, -17.9250,
9.3322)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6640
RGB	111, 102, 64
RGB Percent	44%, 40%, 25%
CMY	0.5647, 0.6000, 0.7490
CMYK	0.00, 0.08, 0.42, 0.56
HSL	49°, 27%, 34%
HSV	49°, 42%, 44%
XYZ	12.2323, 13.2524, 6.7637
YIQ	100.3590, 17.5620, -9.9100

Conversions

Conversions Part 2

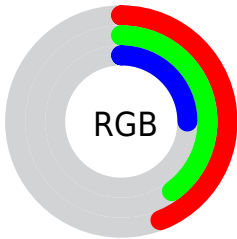
Format	Color
RYB	75, 111, 64
Decimal	7300672
CIELab	43.14, -2.48, 22.76
CIELCh	43, 22.893, 96.213
Yxy	13.2524, 0.3793, 0.4109
Android (android.graphics.Color)	4285490752 (0xFF6F6640)
YUV	100.3590, -17.9250, 9.3322
Hunter-Lab	36.4039, -3.7277, 14.4668

Details

The YUV color **100.3590, -17.9250, 9.3322** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **74.6410, 17.9250, -9.3322**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6150, -19.5302, 10.8616**, and **53.1030, -16.3198, 7.8027** is the 20% darker color. If you saturate the color by 10%, you get **97.9310, -22.1510, 11.4615**, and if you desaturate by 10%, it is **102.7870, -13.6990, 7.2028**.

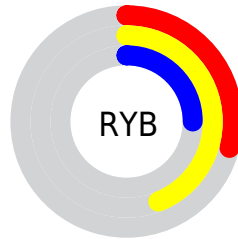
Distribution



Red (44%)

Green (40%)

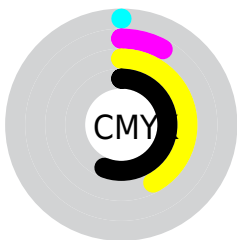
Blue (25%)



Red (29%)

Yellow (44%)

Blue (25%)

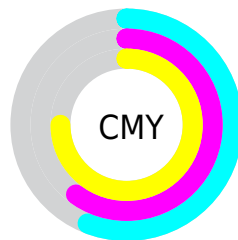


Cyan (0%)

Magenta (8%)

Yellow (42%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3590, -17.9250, 9.3322 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 100.3590, -17.9250, 9.3322 by changing the saturation by 10% instead.

■ 100.3590,
-17.9250, 9.3322

■ 100.3590,
-17.9250, 9.3322

■ 255.0000, 0.0000,
0.0000

■ 76.1740, -17.3408,
8.6174

■ 151.6150,
-19.5302, 10.8616

■ 53.1030, -16.3198,
7.8027

■ 178.5010,
-19.9670, 10.9616

■ 31.9180, -15.7356,
7.0879

■ 205.6860,
-20.5512, 11.6764

■ 10.9200, -5.3836,
0.0702

■ 233.9850,
-20.6986, 12.2912

■ 0.0000, 0.0000,
0.0000

■ 251.0100,
-15.2879, 3.4992

■ 254.2020, -3.0576,

0.6998

■ 100.3590,
-17.9250, 9.3322

■ 100.3590,
-17.9250, 9.3322

■ 97.9310, -22.1510,
11.4615

■ 102.7870,
-13.6990, 7.2028

■ 95.5030, -26.3770,
13.5909

■ 105.2150, -9.4730,
5.0734

■ 93.0750, -30.6030,
15.7202

■ 107.6430, -5.2470,
2.9441

■ 90.0600, -34.5396,
18.3644

■ 110.6580, -1.3104,
0.2999

■ 87.6320, -38.7656,
20.4937

■ 113.2000, 3.3524,
-1.9294

■ 86.0190, -42.4074,
21.9083

■ 115.6280, 7.5784,
-4.0588

■ 118.0560, 11.8044,
-6.1881

■ 120.4840, 16.0304,
-8.3175

■ 122.9120, 20.2564,
-10.4468

Harmonies

Analogous

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



102.3760, -16.9474, 22.4722



100.3590, -17.9250, 9.3322



97.8130, -13.2188, -6.8520

Triad

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



100.3590, -17.9250, 9.3322



90.0570, 16.7339, -47.4080



104.8530, 6.4815, 21.1769

Complementary

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



100.3590, -17.9250, 9.3322



74.6410, 17.9250, -9.3322

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.



103.9910, 13.8084, 4.3929



100.3590, -17.9250, 9.3322



94.7470, 20.3377, -36.6121

Square

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



100.3590, -17.9250, 9.3322



91.4680, 6.6713, -39.8754



100.2380, 19.1097, -15.9947



103.9160, -2.4236, 30.7687

Rectangle

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



100.3590, -17.9250, 9.3322



96.4140, -8.0921, -17.9031



100.2380, 19.1097, -15.9947



104.5150, 9.1131, 17.0883

Sweetspot

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



100.3590, -17.9250, 9.3322



141.0730, -7.4310, 3.4440



79.0790, -2.9969, 27.9947



71.4580, -4.6628, 2.2293



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.



100.3590, -17.9250, 9.3322



128.3460, -28.2716, 14.6056



101.4560, -18.4658, -3.9079



54.7290, -2.3314, 1.1147



92.8190, -45.7598, 23.8377



191.2530, -94.2877, 48.8901

Inverse Universe

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



74.6410, 17.9250, -9.3322



87.6540, 28.2716, -14.6056



73.5440, 18.4658, 3.9079



51.8580, 2.0420, -1.6295



27.1810, 45.7598, -23.8377



55.7470, 94.2877, -48.8901

Previews

White Background



This preview shows how the YUV color 100.3590, -17.9250, 9.3322 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 × Fail

Black Background



This preview shows how the YUV color 100.3590, -17.9250, 9.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

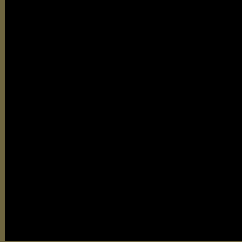
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.3590, -17.9250, 9.3322

Background



This preview shows how black text looks on a background with the YUV color 100.3590, -17.9250, 9.3322.



This preview shows how white text looks on a background with the YUV color 100.3590, -17.9250,

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

100.3590, -17.9250, 9.3322

Protanopia

100.3590, -17.9250, 9.3322

Deuteranopia

101.1260, -17.8101, 19.1835



Tritanopia

103.2940, 0.8411, 10.2662

Trichromacy



Original Color

100.3590, -17.9250, 9.3322

Protanomaly

100.3590, -17.9250, 9.3322

Deuteranomaly

101.1040, -17.7993, 15.6948

Tritanomaly

102.4590, -6.1423, 10.1215

Monochromacy



Original Color

100.3590, -17.9250, 9.3322

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.3010, -6.5574, 3.2440

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3590, -17.9250, 9.3322 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(111, 102, 64)` looks like.

```
.text, #text, p{  
    color:rgb(111, 102, 64)  
}
```

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(111, 102, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 102, 64) }
```

Border

The CSS property to change the border of an element to YUV 100.3590, -17.9250, 9.3322 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(111, 102, 64) }
```


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

```
.border{ border-color:rgb(111, 102, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 102, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 102, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 102, 64);  
box-shadow:4px 4px 4px 4px rgb(111, 102,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 100.3590, -17.9250, 9.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 102, 64) }
```

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

```
.background{ background-color: rgb(111,  
102, 64) }
```

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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