

Converting Colors

YUV(91.9340, 3.4835, 2.6889)

Have a look what the booklet for
YUV(91.9340, 3.4835, 2.6889)
contains.

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Color

**YUV(91.9340, 3.4835,
2.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5963
RGB	95, 89, 99
RGB Percent	37%, 35%, 39%
CMY	0.6275, 0.6510, 0.6118
CMYK	0.04, 0.10, 0.00, 0.61
HSL	276°, 5%, 37%
HSV	276°, 10%, 39%
XYZ	10.5438, 10.4785, 13.2712
YIQ	91.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

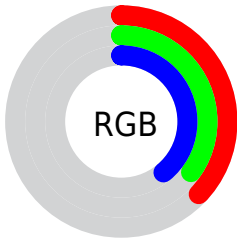
Format	Color
R_YB	95, 89, 99
Decimal	6248803
CIE Lab	38.69, 4.52, -4.87
CIE LCh	39, 6.648, 312.865
Yxy	10.4785, 0.3075, 0.3056
Android (android.graphics.Color)	4284438883 (0xFF5F5963)
YUV	91.9340, 3.4835, 2.6889
Hunter-Lab	32.3705, 1.4932, -1.6483

Details

The YUV color **91.9340, 3.4835, 2.6889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.0660, -3.4835, -2.6889**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0480, 3.9203, 2.5889**, and **46.5210, 3.1941, 2.1741** is the 20% darker color. If you saturate the color by 10%, you get **84.8680, 6.9671, 5.3778**, and if you desaturate by 10%, it is **99.0000, 0.0000, 0.0000**.

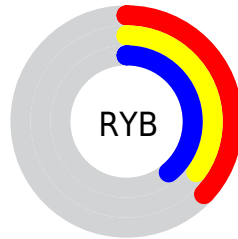
Distribution



Red (37%)

Green (35%)

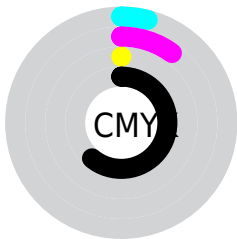
Blue (39%)



Red (37%)

Yellow (35%)

Blue (39%)

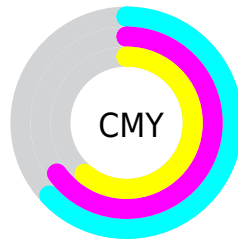


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (61%)



Cyan (63%)

Magenta (65%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9340, 3.4835, 2.6889 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 91.9340, 3.4835, 2.6889 by changing the saturation by 10% instead.

■ 91.9340, 3.4835,
2.6889

■ 91.9340, 3.4835,
2.6889

■ 255.0000, 0.0000,
0.0000

■ 68.5210, 3.1941,
2.1741

■ 142.0480, 3.9203,
2.5889

■ 46.5210, 3.1941,
2.1741

■ 168.3470, 3.7729,
3.2037

■ 25.4070, 2.7573,
2.2741

■ 195.4610, 4.2097,
3.1037

■ 0.6840, 2.6208,
-0.5999

■ 223.4610, 4.2097,
3.1037

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.7363,
3.0888

■ 91.9340, 3.4835,
2.6889

■ 91.9340, 3.4835,
2.6889

■ 84.8680, 6.9671,
5.3778

■ 99.0000, 0.0000,
0.0000

■ 77.8020, 10.4506,
8.0666

■ 106.0660, -3.4835,
-2.6889

■ 70.7360, 13.9342,
10.7555

■ 113.1320, -6.9671,
-5.3778

■ 63.6700, 17.4177,
13.4444

■ 120.1980,
-10.4506, -8.0666

■ 57.1910, 20.6118,
15.6185

■ 127.2640,
-13.9342, -10.7555

■ 50.1250, 24.0954,
18.3074

■ 133.7430,
-17.1283, -12.9296

■ 43.0590, 27.5789,
20.9963

■ 140.8090,
-20.6118, -15.6185

■ 35.9930, 31.0625,

■ 147.8750,

23.6851

-24.0954, -18.3074

■ 28.9270, 34.5460,
26.3740

■ 154.9410,
-27.5789, -20.9963

Harmonies

Analogous

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



91.2430, 4.8102, -2.8441



91.9340, 3.4835, 2.6889



92.2720, 0.8519, 6.7775

Triad

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



91.9340, 3.4835, 2.6889



91.6650, -5.2578, 6.4328



89.1020, 1.9217, -9.7365

Complementary

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



91.9340, 3.4835, 2.6889



96.0660, -3.4835, -2.6889

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.



89.4290, -0.7045, -7.3922



91.9340, 3.4835, 2.6889



90.4580, -4.6628, 2.2293

Square

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



91.9340, 3.4835, 2.6889



91.7300, -3.8109, 9.0068



90.0660, -3.4835, -2.6889



89.6720, 4.1057, -10.2363

Rectangle

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



91.9340, 3.4835, 2.6889



91.9410, -0.4639, 8.8217



90.0660, -3.4835, -2.6889



89.1730, 0.9007, -8.9217

Sweetspot

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



91.9340, 3.4835, 2.6889



125.0540, 1.4524, 0.8296



92.4880, 3.2104, -3.0590



61.9400, 1.0156, 0.9296



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.



91.9340, 3.4835, 2.6889



116.5150, 5.6621, 3.9333



93.0160, 2.4571, 5.2480



45.3530, 1.3050, 1.4444



32.8010, 39.0451, 29.9925



70.4160, 83.6049, 64.5332

Inverse Universe

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



92.4460, 0.2731, 5.7479



117.4680, 0.2623, 9.2366



94.9840, -2.4571, -5.2480



45.4240, 0.2840, 2.2592



38.6180, 3.1463, 64.3560



82.7040, 6.5549, 137.9486

Previews

White Background



This preview shows how the YUV color 91.9340, 3.4835, 2.6889 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 91.9340, 3.4835, 2.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

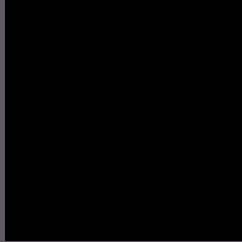
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.9340, 3.4835, 2.6889

Background



This preview shows how black text looks on a background with the YUV color 91.9340, 3.4835, 2.6889.



This preview shows how white text looks on a background with the YUV color 91.9340, 3.4835,

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

91.9340, 3.4835, 2.6889

Protanopia

91.1400, 4.3680, -0.9998

Deuteranopia

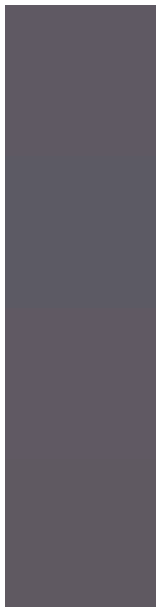
92.2330, 3.3361, 3.3037



Tritanopia

91.5920, 2.1731, 2.9888

Trichromacy



Original Color

91.9340, 3.4835, 2.6889

Protanomaly

91.7380, 4.0732, 0.2298

Deuteranomaly

92.2330, 3.3361, 3.3037

Tritanomaly

91.7060, 2.6099, 2.8888

Monochromacy



Original Color

91.9340, 3.4835, 2.6889

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9340, 3.4835, 2.6889 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(95, 89, 99)` looks like.

```
.text, #text, p{  
    color:rgb(95, 89, 99)  
}
```

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(95, 89, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 89, 99) }
```

Border

The CSS property to change the border of an element to YUV 91.9340, 3.4835, 2.6889 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(95, 89, 99) }
```


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

```
.border{ border-color:rgb(95, 89, 99) }
```

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

Here you see how a box with a 4 pixel rgb(95, 89, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 89, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 89, 99);  
box-shadow:4px 4px 4px 4px rgb(95, 89, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 91.9340, 3.4835, 2.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 89, 99) }
```

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

```
.background{ background-color: rgb(95, 89,  
99) }
```

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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