

Converting Colors

YUV(98.8030, -4.8329, -36.6612)

Have a look what the booklet for
YUV(98.8030, -4.8329, -36.6612)
contains.

YUV(98.8030, -4.8329, -36.6612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.8030, -4.8329,
-36.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	397A59
RGB	57, 122, 89
RGB Percent	22%, 48%, 35%
CMY	0.7765, 0.5216, 0.6510
CMYK	0.53, 0.00, 0.27, 0.52
HSL	150°, 36%, 35%
HSV	150°, 53%, 48%
XYZ	10.4500, 15.5102, 11.8942
YIQ	98.8030, -28.1470, -24.0430

Conversions

Conversions Part 2

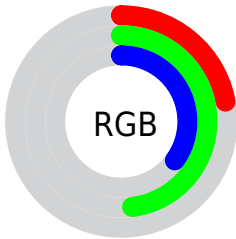
Format	Color
RYB	57, 101, 122
Decimal	3766873
CIELab	46.33, -29.11, 11.85
CIElCh	46, 31.431, 157.850
Yxy	15.5102, 0.2761, 0.4097
Android (android.graphics.Color)	4281956953 (0xFF397A59)
YUV	98.8030, -4.8329, -36.6612
Hunter-Lab	39.3830, -21.5563, 9.6617

Details

The YUV color **98.8030, -4.8329, -36.6612** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **80.1970, 4.8329, 36.6612**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1620, -5.9959, -36.9761**, and **47.7530, -2.3432, -41.8794** is the 20% darker color. If you saturate the color by 10%, you get **94.5310, -5.6848, -43.4387**, and if you desaturate by 10%, it is **103.0750, -3.9810, -29.8838**.

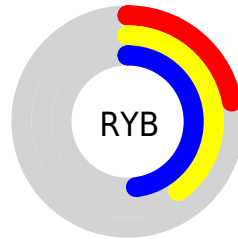
Distribution



Red (22%)

Green (48%)

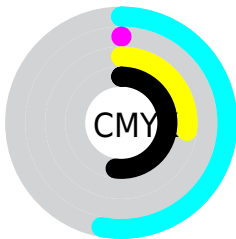
Blue (35%)



Red (22%)

Yellow (40%)

Blue (48%)

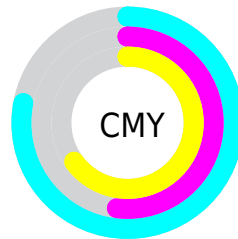


Cyan (53%)

Magenta (0%)

Yellow (27%)

Black (52%)



Cyan (78%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8030, -4.8329, -36.6612 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 98.8030, -4.8329, -36.6612 by changing the saturation by 10% instead.

■ 98.8030, -4.8329,
-36.6612

■ 98.8030, -4.8329,
-36.6612

255.0000, 0.0000,
0.0000

■ 73.4330, -3.6645,
-38.0907

■ 151.1620, -5.9959,
-36.9761

■ 47.7530, -2.3432,
-41.8794

■ 178.6350, -6.7221,
-37.3909

■ 31.3850, -4.1338,
-27.5246

■ 206.3360, -6.5746,
-38.0057

■ 17.6100, -8.6817,
-15.4440

■ 231.8740, -5.8539,
-35.8465

■ 0.0000, 0.0000,
0.0000

■ 243.5520, 2.6859,
-21.5321

■ 252.9070, 1.0318,

-4.3034

■ 98.8030, -4.8329,
-36.6612

■ 98.8030, -4.8329,
-36.6612

■ 94.5310, -5.6848,
-43.4387

■ 103.0750, -3.9810,
-29.8838

■ 90.2590, -6.5367,
-50.2161

■ 107.3470, -3.1291,
-23.1063

■ 85.5740, -7.6780,
-57.5084

■ 112.0320, -1.9878,
-15.8141

■ 81.3020, -8.5299,
-64.2859

■ 116.3040, -1.1359,
-9.0366

■ 78.4540, -9.0978,
-68.8042

■ 120.5760, -0.2840,
-2.2592

■ 124.8480, 0.5679,
4.5183

■ 129.1200, 1.4198,
11.2958

■ 133.8050, 2.5611,
18.5880

■ 138.0770, 3.4130,
25.3655

Harmonies

Analogous

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



104.1130, -18.2967, -11.5001



98.8030, -4.8329, -36.6612



86.0120, 14.7841, -75.4325

Triad

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



98.8030, -4.8329, -36.6612



107.2570, 26.9883, -23.0274



110.5400, -15.5492, 40.7454

Complementary

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



98.8030, -4.8329, -36.6612



80.1970, 4.8329, 36.6612

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.



111.3520, -3.6245, 42.6643



98.8030, -4.8329, -36.6612



112.0930, 19.1812, 7.8114

Square

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



98.8030, -4.8329, -36.6612



92.6600, 32.2126, -65.4768



113.0760, 8.3435, 30.6283



108.9980, -23.6630, 29.8198

Rectangle

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



98.8030, -4.8329, -36.6612



87.3630, 22.4990, -76.6174



113.0760, 8.3435, 30.6283



111.1750, -11.9183, 42.8195

Sweetspot

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



98.8030, -4.8329, -36.6612



149.0430, -1.9932, -14.0697



105.3210, -23.8223, -12.5595



73.6030, -1.2833, -8.4218



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



98.8030, -4.8329, -36.6612



121.9870, -7.3886, -56.9936



102.4510, 9.1447, -39.8605



58.8640, -0.4260, -3.3887



80.4430, -9.0924, -70.5485



162.0600, -18.7636, -142.1266

Inverse Universe

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



80.1970, 4.8329, 36.6612



93.0130, 7.3886, 56.9936



76.5490, -9.1447, 39.8605



57.1360, 0.4260, 3.3887



44.5570, 9.0924, 70.5485



89.9400, 18.7636, 142.1266

Previews

White Background



This preview shows how the YUV color 98.8030, -4.8329, -36.6612 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 98.8030, -4.8329, -36.6612 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 98.8030, -4.8329, -36.6612

Background



This preview shows how black text looks on a background with the YUV color 98.8030, -4.8329, -36.6612.



This preview shows how white text looks on a background with the YUV color 98.8030, -4.8329, -36.6612.

-36.6612.

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

98.8030, -4.8329, -36.6612

Protanopia

108.4280, -12.5360, 7.5176

Deuteranopia

109.9110, -8.3371, 14.1101



Tritanopia

103.4890, 11.5909, -31.1239

Trichromacy



Original Color

98.8030, -4.8329, -36.6612

Protanomaly

105.0130, -9.8664, -8.7814

Deuteranomaly

105.8440, -6.8251, -4.2482

Tritanomaly

101.8710, 5.4866, -33.2129

Monochromacy



Original Color

98.8030, -4.8329, -36.6612

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7550, -1.8512, -12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8030, -4.8329, -36.6612 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(57, 122, 89)` looks like.

```
.text, #text, p{  
    color:rgb(57, 122, 89)  
}
```

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(57, 122, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 122, 89) }
```

Border

The CSS property to change the border of an element to YUV 98.8030, -4.8329, -36.6612 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(57, 122, 89) }
```


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

```
.border{ border-color:rgb(57, 122, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 122, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 122, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 122, 89);  
box-shadow:4px 4px 4px 4px rgb(57, 122,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 98.8030, -4.8329, -36.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 122, 89) }
```

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

```
.background{ background-color: rgb(57, 122,  
89) }
```

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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