

Converting Colors

YUV(133.5790, -1.7644,
-40.8498)

Have a look what the booklet for
YUV(133.5790, -1.7644, -40.8498)
contains.

YUV(133.5790, -1.7644, -40.8498)	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(133.5790, -1.7644,
-40.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	579E82
RGB	87, 158, 130
RGB Percent	34%, 62%, 51%
CMY	0.6588, 0.3804, 0.4902
CMYK	0.45, 0.00, 0.18, 0.38
HSL	156°, 29%, 48%
HSV	156°, 45%, 62%
XYZ	20.1866, 28.0917, 25.4774
YIQ	133.5790, -33.3280, -23.7600

Conversions

Conversions Part 2

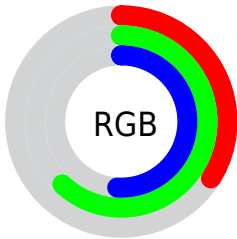
Format	Color
RYB	87, 131, 158
Decimal	5742210
CIELab	59.97, -29.15, 7.74
CIElCh	60, 30.157, 165.123
Yxy	28.0917, 0.2737, 0.3809
Android (android.graphics.Color)	4283932290 (0xFF579E82)
YUV	133.5790, -1.7644, -40.8498
Hunter-Lab	53.0016, -24.7678, 8.6009

Details

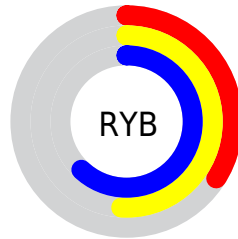
The YUV color **133.5790, -1.7644, -40.8498** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **111.4210, 1.7644, 40.8498**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7530, -2.3432, -41.8794**, and **81.3230, -0.1592, -42.3793** is the 20% darker color. If you saturate the color by 10%, you get **128.1110, -2.0267, -50.0863**, and if you desaturate by 10%, it is **139.0470, -1.5022, -31.6132**.

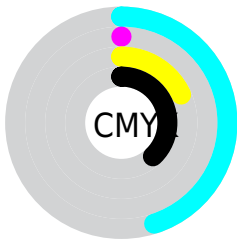
Distribution



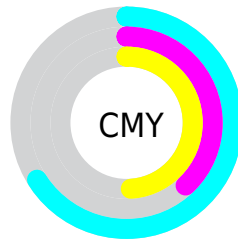
- Red (34%)
- Green (62%)
- Blue (51%)



- Red (34%)
- Yellow (51%)
- Blue (62%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (66%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5790, -1.7644, -40.8498 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 133.5790, -1.7644, -40.8498 by changing the saturation by 10% instead.

■ 133.5790, -1.7644,
-40.8498

■ 133.5790, -1.7644,
-40.8498

255.0000, 0.0000,
0.0000

■ 107.6930, -1.3276,
-40.9498

■ 187.7530, -2.3432,
-41.8794

■ 81.3230, -0.1592,
-42.3793

■ 216.3400, -2.6326,
-42.3942

■ 54.1590, 1.8936,
-47.4974

■ 235.5350, 1.7082,
-34.6722

■ 38.1500, -1.0599,
-33.4575

■ 246.0300, 4.4222,
-18.4433

■ 22.8420, -3.8661,
-20.0324

254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 133.5790, -1.7644,
-40.8498

■ 133.5790, -1.7644,
-40.8498

■ 128.1110, -2.0267,
-50.0863

■ 139.0470, -1.5022,
-31.6132

■ 122.6430, -2.2890,
-59.3229

■ 144.5150, -1.2399,
-22.3767

■ 117.3600, -3.1355,
-67.8447

■ 149.7980, -0.3934,
-13.8548

■ 111.8920, -3.3978,
-77.0813

■ 155.2660, -0.1311,
-4.6183

■ 106.4240, -3.6600,
-86.3178

■ 160.7340, 0.1311,
4.6183

■ 103.6900, -3.7912,
-90.9361

■ 166.2020, 0.3934,
13.8548

■ 171.7840, 1.0925,
22.9914

■ 176.9530, 1.5022,

31.6132

■ 182.4210, 1.7644,
40.8498

Harmonies

Analogous

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



138.0630, -15.8071, -16.7183



133.5790, -1.7644, -40.8498



128.2740, 14.1619, -62.5073

Triad

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



133.5790, -1.7644, -40.8498



144.2690, 25.5034, -13.3909



145.7310, -18.6014, 39.7009

Complementary

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



133.5790, -1.7644, -40.8498



111.4210, 1.7644, 40.8498

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.



147.3260, -7.5557, 43.5641



133.5790, -1.7644, -40.8498



148.1540, 16.6861, 14.7739

Square

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



133.5790, -1.7644, -40.8498



136.8800, 28.6532, -43.7448



148.3000, 5.2751, 34.8169



143.6340, -24.9626, 26.6310

Rectangle

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



133.5790, -1.7644, -40.8498



127.2330, 23.0561, -68.6103



148.3000, 5.2751, 34.8169



145.9640, -15.2653, 43.0046

Sweetspot

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



133.5790, -1.7644, -40.8498



197.6730, -0.8248, -15.4992



137.0490, -24.6742, -19.3370



99.1190, -0.5517, -9.7514



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



133.5790, -1.7644, -40.8498



168.4960, -2.7095, -64.4560



132.6620, 12.4916, -40.0456



76.2660, -0.1311, -4.6183



93.7450, -3.8183, -82.2144



9.8310, -0.4097, -8.6218

Inverse Universe

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



111.4210, 1.7644, 40.8498



133.5040, 2.7095, 64.4560



112.3380, -12.4916, 40.0456



73.7340, 0.1311, 4.6183



49.1410, 3.3815, 82.3143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 133.5790, -1.7644, -40.8498 looks on a white 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

Black Background



This preview shows how the YUV color 133.5790, -1.7644, -40.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

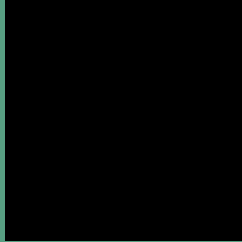
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.5790, -1.7644, -40.8498

Background



This preview shows how black text looks on a background with the YUV color 133.5790, -1.7644, -40.8498.



This preview shows how white text looks on a background with the YUV color 133.5790, -1.7644, -40.8498.

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

133.5790, -1.7644, -40.8498

Protanopia

143.1120, -9.9152, 6.9178

Deuteranopia

145.0080, -5.4269, 14.0250



Tritanopia

137.3250, 13.6438, -36.2420

Trichromacy



Original Color

133.5790, -1.7644, -40.8498

Protanomaly

139.5120, -6.6614, -10.0960

Deuteranomaly

140.9300, -3.9095, -6.0776

Tritanomaly

136.1200, 7.8288, -37.8162

Monochromacy



Original Color

133.5790, -1.7644, -40.8498

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0860, -0.5354, -14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5790, -1.7644, -40.8498 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(87, 158, 130)` looks like.

```
.text, #text, p{  
    color:rgb(87, 158, 130)  
}
```

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(87, 158, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 158, 130) }
```

Border

The CSS property to change the border of an element to YUV 133.5790, -1.7644, -40.8498 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(87, 158, 130) }
```


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

```
.border{ border-color:rgb(87, 158, 130) }
```

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

Here you see how a box with a 4 pixel rgb(87, 158, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 158, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 158, 130);  
box-shadow:4px 4px 4px 4px rgb(87, 158,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 133.5790, -1.7644, -40.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 158, 130) }
```

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

```
.background{ background-color: rgb(87, 158,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor