

Converting Colors

YUV(132.7790, 1.5880,
-42.7792)

Have a look what the booklet for
YUV(132.7790, 1.5880, -42.7792)
contains.

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Color

**YUV(132.7790, 1.5880,
-42.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	549D88
RGB	84, 157, 136
RGB Percent	33%, 62%, 53%
CMY	0.6706, 0.3843, 0.4667
CMYK	0.46, 0.00, 0.13, 0.38
HSL	163°, 30%, 47%
HSV	163°, 46%, 62%
XYZ	20.1571, 27.7763, 27.5915
YIQ	132.7790, -36.7670, -22.0070

Conversions

Conversions Part 2

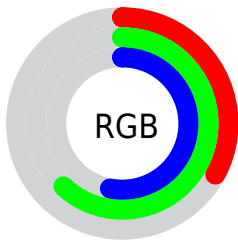
Format	Color
R_{YB}	84, 127, 157
Decimal	5545352
CIE _{Lab}	59.69, -28.06, 3.93
CIE _{LCh}	60, 28.336, 172.024
Yxy	27.7763, 0.2669, 0.3678
Android (android.graphics.Color)	4283735432 (0xFF549D88)
YUV	132.7790, 1.5880, -42.7792
Hunter-Lab	52.7033, -23.9610, 5.8524

Details

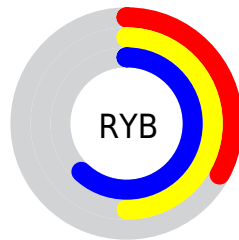
The YUV color **132.7790, 1.5880, -42.7792** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **108.2210, -1.5880, 42.7792**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2520, 0.8618, -43.1940**, and **79.8110, 3.0512, -45.4382** is the 20% darker color. If you saturate the color by 10%, you get **127.4250, 1.7625, -52.1157**, and if you desaturate by 10%, it is **138.1330, 1.4134, -33.4426**.

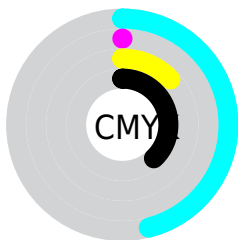
Distribution



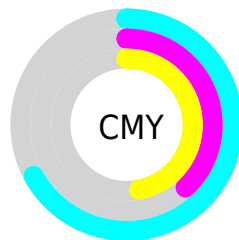
- Red (33%)
- Green (62%)
- Blue (53%)



- Red (33%)
- Yellow (50%)
- Blue (62%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.7790, 1.5880, -42.7792 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 132.7790, 1.5880, -42.7792 by changing the saturation by 10% instead.


 132.7790, 1.5880,
-42.7792

 132.7790, 1.5880,
-42.7792


255.0000, 0.0000,
0.0000

 106.5940, 2.1722,
-43.4939


 187.2520, 0.8618,
-43.1940


 79.8110, 3.0512,
-45.4382


 214.9530, 1.0092,
-43.8088

 54.7290, 4.0776,
-47.9973

 235.3220, 4.7713,
-37.1164

 38.1330, 1.4134,
-33.4426

 245.1330, 4.8644,
-20.2876

 23.5260, -1.2453,
-20.6323

 253.8040, 0.5896,
-2.4591

 0.0000, 0.0000,
0.0000

■ 132.7790, 1.5880,
-42.7792

■ 132.7790, 1.5880,
-42.7792

■ 127.4250, 1.7625,
-52.1157

■ 138.1330, 1.4134,
-33.4426

■ 122.4840, 2.2264,
-60.9375

■ 143.0740, 0.9495,
-24.6209

■ 117.1300, 2.4009,
-70.2740

■ 148.4280, 0.7750,
-15.2844

■ 111.8900, 3.0122,
-79.7105

■ 153.6680, 0.1637,
-5.8478

■ 106.5360, 3.1868,
-89.0471

■ 159.0220, -0.0108,
3.4887

■ 104.9270, 3.4870,
-92.0210

■ 163.9630, -0.4748,
12.3104

■ 169.3170, -0.6493,
21.6470

■ 174.5570, -1.2606,

31.0835

■ 179.6120, -1.2877,
39.8053

Harmonies

Analogous

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



136.9530, -12.3018, -21.0068



132.7790, 1.5880, -42.7792



128.8660, 16.3351, -59.5185

Triad

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



132.7790, 1.5880, -42.7792



145.1020, 22.1347, -6.2285



144.7690, -19.6061, 35.2826

Complementary

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



132.7790, 1.5880, -42.7792



108.2210, -1.5880, 42.7792

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.



146.0330, -9.8763, 41.1901



132.7790, 1.5880, -42.7792



147.3780, 13.6176, 18.9625

Square

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



132.7790, 1.5880, -42.7792



138.7780, 26.7314, -34.0083



147.3880, 1.7807, 35.6167



142.9430, -23.6359, 21.0980

Rectangle

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



132.7790, 1.5880, -42.7792



129.8750, 22.7396, -60.4034



147.3880, 1.7807, 35.6167



145.0020, -16.2700, 38.5862

Sweetspot

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



132.7790, 1.5880, -42.7792



194.4170, 0.7804, -17.0287



133.4290, -24.3685, -24.0552



96.3470, 0.3219, -9.9513



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



132.7790, 1.5880, -42.7792



166.1520, 2.3901, -66.7853



126.3680, 15.1016, -37.1567



76.3800, 0.3057, -4.7183



95.5690, 3.1705, -83.8140



10.0590, 0.4639, -8.8217

Inverse Universe

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



108.2210, -1.5880, 42.7792



127.8480, -2.3901, 66.7853



114.6320, -15.1016, 37.1567



73.6200, -0.3057, 4.7183



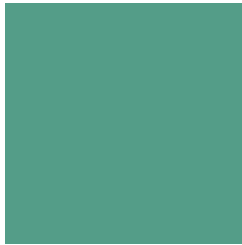
47.4310, -3.1705, 83.8140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 132.7790, 1.5880, -42.7792 looks on a white background.

Color Contrast Check

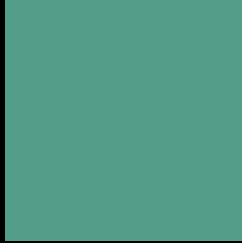
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7790, 1.5880, -42.7792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

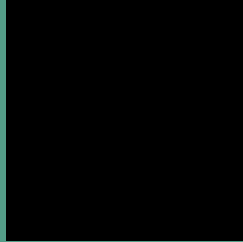
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.7790, 1.5880, -42.7792

Background



This preview shows how black text looks on a background with the YUV color 132.7790, 1.5880, -42.7792.

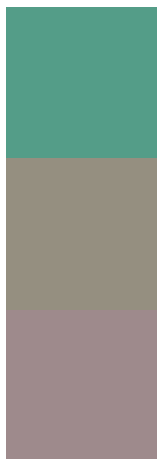


This preview shows how white text looks on a background with the YUV color 132.7790, 1.5880,

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

132.7790, 1.5880, -42.7792

Protanopia

143.0840, -7.4364, 5.1883

Deuteranopia

144.2080, -2.0745, 12.0956



Tritanopia

136.1290, 14.2334, -38.7011

Trichromacy



Original Color

132.7790, 1.5880, -42.7792

Protanomaly

139.1850, -4.0352, -12.4402

Deuteranomaly

140.1300, -0.5571, -8.0070

Tritanomaly

134.5650, 9.5815, -39.9605

Monochromacy



Original Color

132.7790, 1.5880, -42.7792

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0150, 0.4856, -15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7790, 1.5880, -42.7792 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(84, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(84, 157, 136)  
}
```

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(84, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 157, 136) }
```

Border

The CSS property to change the border of an element to YUV 132.7790, 1.5880, -42.7792 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(84, 157, 136) }
```


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

```
.border{ border-color:rgb(84, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(84, 157,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 132.7790, 1.5880, -42.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 157, 136) }
```

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

```
.background{ background-color: rgb(84, 157,  
136) }
```

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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