

Converting Colors

YUV(132.4800, 5.1864,
-30.2390)

Have a look what the booklet for
YUV(132.4800, 5.1864, -30.2390)
contains.

YUV(132.4800, 5.1864, -30.2390)	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(132.4800, 5.1864,
-30.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	62948F
RGB	98, 148, 143
RGB Percent	38%, 58%, 56%
CMY	0.6157, 0.4196, 0.4392
CMYK	0.34, 0.00, 0.03, 0.42
HSL	174°, 20%, 48%
HSV	174°, 34%, 58%
XYZ	20.5848, 25.7596, 29.8738
YIQ	132.4800, -28.1950, -12.1550

Conversions

Conversions Part 2

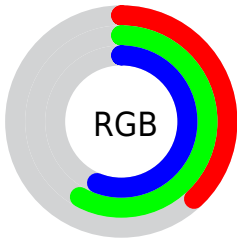
Format	Color
R _Y B	98, 124, 148
Decimal	6460559
CIE Lab	57.81, -17.87, -2.70
CIE LCh	58, 18.076, 188.602
Yxy	25.7596, 0.2701, 0.3380
Android (android.graphics.Color)	4284650639 (0xFF62948F)
YUV	132.4800, 5.1864, -30.2390
Hunter-Lab	50.7540, -16.4233, 0.6297

Details

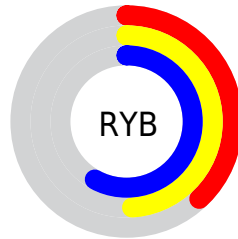
The YUV color **132.4800, 5.1864, -30.2390** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **113.5200, -5.1864, 30.2390**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1810, 5.3338, -30.8537**, and **81.8930, 5.4758, -29.7242** is the 20% darker color. If you saturate the color by 10%, you get **127.8810, 6.9607, -39.3606**, and if you desaturate by 10%, it is **137.0790, 3.4121, -21.1173**.

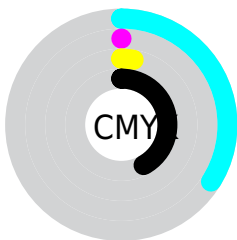
Distribution



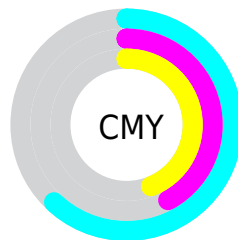
- Red (38%)
- Green (58%)
- Blue (56%)



- Red (38%)
- Yellow (49%)
- Blue (58%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.4800, 5.1864, -30.2390 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 132.4800, 5.1864, -30.2390 by changing the saturation by 10% instead.

■ 132.4800, 5.1864,
-30.2390

■ 132.4800, 5.1864,
-30.2390

■ 255.0000, 0.0000,
0.0000

■ 106.7790, 5.0390,
-29.6242

■ 186.1810, 5.3338,
-30.8537

■ 81.8930, 5.4758,
-29.7242

■ 213.8820, 5.4812,
-31.4685

■ 57.2950, 5.7706,
-30.9537

■ 240.1210, 6.3493,
-29.9241

■ 34.7080, 6.0600,
-30.4389

■ 248.7210, 3.0955,
-12.9103

■ 20.5740, 2.6750,
-18.0434

■ 0.0000, 0.0000,
0.0000

■ 132.4800, 5.1864,
-30.2390

■ 132.4800, 5.1864,
-30.2390

■ 127.8810, 6.9607,
-39.3606

■ 137.0790, 3.4121,
-21.1173

■ 123.1680, 8.2982,
-48.3823

■ 141.7920, 2.0745,
-12.0956

■ 118.8680, 9.9251,
-56.8892

■ 146.0920, 0.4476,
-3.5887

■ 114.1550, 11.2626,
-65.9109

■ 150.8050, -0.8899,
5.4330

■ 109.5560, 13.0369,
-75.0326

■ 155.4040, -2.6642,
14.5547

■ 104.8430, 14.3744,
-84.0543

■ 160.1170, -4.0017,
23.5764

■ 102.0380, 15.2643,
-89.4873

■ 164.7160, -5.7760,
32.6981

■ 169.1300, -6.9661,

41.1050

 173.7290, -8.7404,
50.2267

Harmonies

Analogous

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



133.9560, -3.4293, -20.1324



132.4800, 5.1864, -30.2390



133.0050, 12.3225, -32.4534

Triad

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



132.4800, 5.1864, -30.2390



140.7200, 11.4770, 5.5076



139.3370, -14.4631, 18.9985

Complementary

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



132.4800, 5.1864, -30.2390



113.5200, -5.1864, 30.2390

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.



140.8200, -10.2643, 25.5909



132.4800, 5.1864, -30.2390



141.6740, 4.5977, 18.7029

Square

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



132.4800, 5.1864, -30.2390



138.6470, 15.4570, -11.0914



141.6550, -3.2809, 25.7356



137.5590, -14.5726, 7.4028

Rectangle

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



132.4800, 5.1864, -30.2390



134.4230, 15.0745, -28.4350



141.6550, -3.2809, 25.7356



139.5870, -13.6004, 22.2872

Sweetspot

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



132.4800, 5.1864, -30.2390



185.0910, 1.9271, -11.4808



128.8450, -15.2066, -22.6661



93.2980, 1.3321, -7.2773



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



132.4800, 5.1864, -30.2390



166.7660, 8.0034, -47.1528



121.3100, 13.1582, -20.4429



71.7930, 0.5951, -4.2035



95.1420, 14.2270, -83.4395



6.8960, 1.0373, -6.0478

Inverse Universe

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



113.5200, -5.1864, 30.2390



137.2340, -8.0034, 47.1528



124.6900, -13.1582, 20.4429



69.0930, -1.0318, 4.3034



42.8580, -14.2270, 83.4395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 132.4800, 5.1864, -30.2390 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 132.4800, 5.1864, -30.2390 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 132.4800, 5.1864, -30.2390

Background



This preview shows how black text looks on a background with the YUV color 132.4800, 5.1864, -30.2390.



This preview shows how white text looks on a background with the YUV color 132.4800, 5.1864,

-30.2390.

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

132.4800, 5.1864, -30.2390

Protanopia

138.7830, -0.8790, 1.9443

Deuteranopia

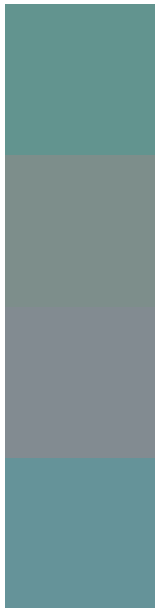
139.5540, 3.1779, 7.4071



Tritanopia

134.2120, 11.7275, -28.2499

Trichromacy



Original Color

132.4800, 5.1864, -30.2390

Protanomaly

136.5750, 1.1955, -10.1513

Deuteranomaly

136.9930, 3.9475, -6.1329

Tritanomaly

133.9300, 9.4015, -28.8796

Monochromacy



Original Color

132.4800, 5.1864, -30.2390

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.3900, 1.7797, -10.8660

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.4800, 5.1864, -30.2390 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(98, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(98, 148, 143)  
}
```

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(98, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 148, 143) }
```

Border

The CSS property to change the border of an element to YUV 132.4800, 5.1864, -30.2390 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(98, 148, 143) }
```


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

```
.border{ border-color:rgb(98, 148, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(98, 148,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 132.4800, 5.1864, -30.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 148, 143) }
```

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

```
.background{ background-color: rgb(98, 148,  
143) }
```

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