

Converting Colors

YUV(141.7630, -0.8692,
-48.0272)

Have a look what the booklet for
YUV(141.7630, -0.8692, -48.0272)
contains.

YUV(141.7630, -0.8692, -48.0272)	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(141.7630, -0.8692,
-48.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	57AA8C
RGB	87, 170, 140
RGB Percent	34%, 67%, 55%
CMY	0.6588, 0.3333, 0.4510
CMYK	0.49, 0.00, 0.18, 0.33
HSL	158°, 33%, 50%
HSV	158°, 49%, 67%
XYZ	23.0388, 32.6691, 29.9024
YIQ	141.7630, -39.8380, -26.9260

Conversions

Conversions Part 2

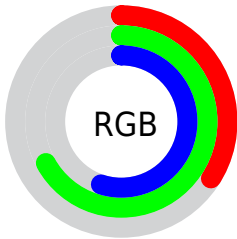
Format	Color
RYB	87, 138, 170
Decimal	5745292
CIELab	63.89, -32.61, 7.74
CIElCh	64, 33.516, 166.640
Yxy	32.6691, 0.2691, 0.3816
Android (android.graphics.Color)	4283935372 (0xFF57AA8C)
YUV	141.7630, -0.8692, -48.0272
Hunter-Lab	57.1569, -28.0748, 8.9915

Details

The YUV color **141.7630, -0.8692, -48.0272** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.2370, 0.8692, 48.0272**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2360, -1.5953, -48.4420**, and **87.6100, 1.1783, -51.4010** is the 20% darker color. If you saturate the color by 10%, you get **135.9960, -0.9840, -57.8785**, and if you desaturate by 10%, it is **147.5300, -0.7543, -38.1758**.

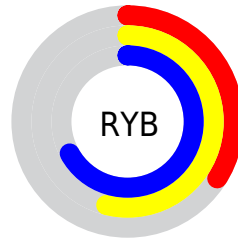
Distribution



Red (34%)

Green (67%)

Blue (55%)



Red (34%)

Yellow (54%)

Blue (67%)

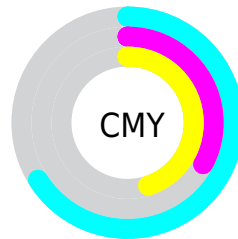


Cyan (49%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.7630, -0.8692, -48.0272 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 141.7630, -0.8692, -48.0272 by changing the saturation by 10% instead.

■ 141.7630, -0.8692,
-48.0272

■ 141.7630, -0.8692,
-48.0272

■ 255.0000, 0.0000,
0.0000

■ 114.5780, -0.2850,
-48.7419

■ 197.2360, -1.5953,
-48.4420

■ 87.6100, 1.1783,
-51.4010

■ 225.7090, -2.3215,
-48.8568

■ 61.6420, 2.6415,
-54.0600

■ 237.3870, 6.2182,
-34.5424

■ 44.9320, -0.4595,
-39.4054

■ 246.6280, 4.1274,
-17.2138

■ 29.1510, -2.5394,
-25.5654

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,

0.0000

■ 141.7630, -0.8692,
-48.0272

■ 141.7630, -0.8692,
-48.0272

■ 135.9960, -0.9840,
-57.8785

■ 147.5300, -0.7543,
-38.1758

■ 130.2290, -1.0989,
-67.7298

■ 153.2970, -0.6394,
-28.3245

■ 124.4620, -1.2138,
-77.5812

■ 159.0640, -0.5246,
-18.4731

■ 118.5810, -1.7654,
-87.3325

■ 164.9450, 0.0271,
-8.7218

■ 112.8140, -1.8803,
-97.1839

■ 170.7120, 0.1420,
1.1296

■ 112.2160, -1.5855,
-98.4134

■ 176.4790, 0.2569,
10.9809

■ 182.2460, 0.3717,
20.8323

■ 188.0130, 0.4866,
30.6836

■ 193.7800, 0.6015,
40.5349

Harmonies

Analogous

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



147.4000, -16.9592, -20.5218



141.7630, -0.8692, -48.0272



134.5220, 17.9837, -75.0028

Triad

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



141.7630, -0.8692, -48.0272



154.9530, 28.1242, -13.9908



155.7810, -21.0910, 44.9191

Complementary

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



141.7630, -0.8692, -48.0272



115.2370, 0.8692, 48.0272

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.



157.3160, -9.0298, 49.7119



141.7630, -0.8692, -48.0272



158.6320, 18.4224, 17.8627

Square

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



141.7630, -0.8692, -48.0272



146.1720, 32.4532, -49.2628



158.6320, 5.1114, 40.6647



153.8470, -28.0256, 29.0752

Rectangle

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



141.7630, -0.8692, -48.0272



132.4100, 27.8989, -81.9206



158.6320, 5.1114, 40.6647



156.4160, -17.4601, 46.9932

Sweetspot

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



141.7630, -0.8692, -48.0272



210.7650, -0.3771, -19.0879



144.6910, -28.4417, -24.2850



105.2220, -0.1094, -11.5957



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



141.7630, -0.8692, -48.0272



177.4730, -1.2192, -75.8368



138.7260, 15.4181, -45.3637



81.2660, -0.1311, -4.6183



97.5920, -1.7709, -85.5882



13.2220, -0.1094, -11.5957

Inverse Universe

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



115.2370, 0.8692, 48.0272



135.5270, 1.2192, 75.8368



118.2740, -15.4181, 45.3637



78.7340, 0.1311, 4.6183



50.2940, 1.3341, 85.6882



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 141.7630, -0.8692, -48.0272 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 141.7630, -0.8692, -48.0272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

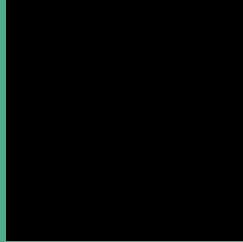
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 141.7630, -0.8692, -48.0272

Background



This preview shows how black text looks on a background with the YUV color 141.7630, -0.8692, -48.0272.

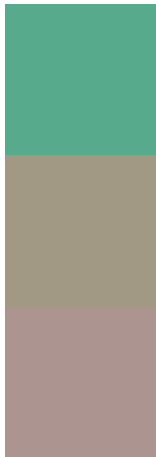


This preview shows how white text looks on a background with the YUV color 141.7630, -0.8692, -48.0272.

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

141.7630, -0.8692, -48.0272

Protanopia

153.2970, -10.4994, 7.6325

Deuteranopia

155.4210, -5.1376, 14.5398



Tritanopia

146.4490, 15.5546, -42.4898

Trichromacy



Original Color

141.7630, -0.8692, -48.0272

Protanomaly

149.0880, -6.9454, -12.3552

Deuteranomaly

150.6200, -3.7567, -8.4367

Tritanomaly

144.8310, 9.4503, -44.5788

Monochromacy



Original Color

141.7630, -0.8692, -48.0272

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.7760, -0.3826, -17.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.7630, -0.8692, -48.0272 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, 170, 140)` looks like.

```
.text, #text, p{  
    color:rgb(87, 170, 140)  
}
```

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, 170, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 170, 140) }
```

Border

The CSS property to change the border of an element to YUV 141.7630, -0.8692, -48.0272 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, 170, 140) }
```


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

```
.border{ border-color:rgb(87, 170, 140) }
```

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

Here you see how a box with a 4 pixel rgb(87, 170, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 170, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 170, 140);  
box-shadow:4px 4px 4px 4px rgb(87, 170,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 141.7630, -0.8692, -48.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 170, 140) }
```

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

```
.background{ background-color: rgb(87, 170,  
140) }
```

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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