

Converting Colors

YUV(155.0540, 7.8614,
-48.2824)

Have a look what the booklet for
YUV(155.0540, 7.8614, -48.2824)
contains.

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Color

**YUV(155.0540, 7.8614,
-48.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	64B4AB
RGB	100, 180, 171
RGB Percent	39%, 71%, 67%
CMY	0.6078, 0.2941, 0.3294
CMYK	0.44, 0.00, 0.05, 0.29
HSL	173°, 35%, 55%
HSV	173°, 44%, 71%
XYZ	28.9275, 38.2921, 44.3946
YIQ	155.0540, -44.7910, -19.7590

Conversions

Conversions Part 2

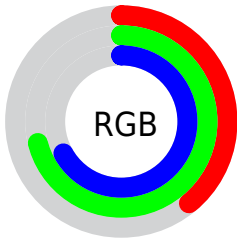
Format	Color
RYB	100, 142, 180
Decimal	6599851
CIELab	68.24, -26.76, -3.07
CIELCh	68, 26.933, 186.547
Yxy	38.2921, 0.2592, 0.3431
Android (android.graphics.Color)	4284789931 (0xFF64B4AB)
YUV	155.0540, 7.8614, -48.2824
Hunter-Lab	61.8806, -24.8473, 0.7805

Details

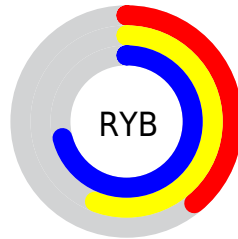
The YUV color **155.0540, 7.8614, -48.2824** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **124.9460, -7.8614, 48.2824**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6410, 7.5720, -48.7972**, and **100.9720, 8.8878, -50.8414** is the 20% darker color. If you saturate the color by 10%, you get **149.4440, 9.6411, -59.1484**, and if you desaturate by 10%, it is **160.6640, 6.0816, -37.4163**.

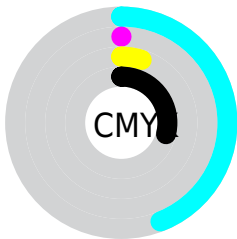
Distribution



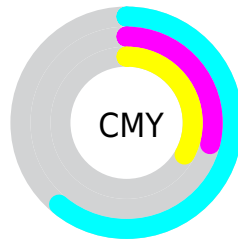
- Red (39%)
- Green (71%)
- Blue (67%)



- Red (39%)
- Yellow (56%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.0540, 7.8614, -48.2824 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 155.0540, 7.8614, -48.2824 by changing the saturation by 10% instead.

■ 155.0540, 7.8614,
-48.2824

■ 155.0540, 7.8614,
-48.2824

■ 255.0000, 0.0000,
0.0000

■ 127.8690, 8.4456,
-48.9971

■ 210.6410, 7.5720,
-48.7972

■ 100.9720, 8.8878,
-50.8414

■ 233.7710, 10.4659,
-43.6492

■ 70.3020, 11.6831,
-60.7779

■ 242.1430, 6.3385,
-26.4354

■ 53.2930, 8.7296,
-46.7380

■ 250.8140, 2.0637,
-8.6069

■ 37.1700, 5.3392,
-32.5981

■ 22.4490, 2.2436,
-19.6878

■ 0.0000, 0.0000,

0.0000

■ 155.0540, 7.8614,
-48.2824

■ 155.0540, 7.8614,
-48.2824

■ 149.4440, 9.6411,
-59.1484

■ 160.6640, 6.0816,
-37.4163

■ 143.8340, 11.4208,
-70.0144

■ 166.2740, 4.3019,
-26.5503

■ 138.2240, 13.2006,
-80.8804

■ 171.8840, 2.5222,
-15.6843

■ 132.6140, 14.9803,
-91.7465

■ 177.4940, 0.7425,
-4.8182

■ 127.0040, 16.7600,
-102.6125

■ 183.1040, -1.0373,
6.0478

■ 123.9000, 17.7973,
-108.6603

■ 188.7140, -2.8170,
16.9138

■ 194.3240, -4.5967,
27.7799

■ 199.9340, -6.3765,
38.6459

■ 203.4510, -7.1243,
45.2085

Harmonies

Analogous

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



158.2060, -6.0176, -29.9987



155.0540, 7.8614, -48.2824



154.6970, 19.3764, -54.9853

Triad

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



155.0540, 7.8614, -48.2824



169.0390, 17.7288, 6.9818



166.4540, -21.9158, 29.4198

Complementary

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



155.0540, 7.8614, -48.2824



124.9460, -7.8614, 48.2824

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.



168.1700, -14.3808, 39.3159



155.0540, 7.8614, -48.2824



170.2390, 7.7702, 27.8544

Square

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



155.0540, 7.8614, -48.2824



165.1820, 24.0673, -19.4536



169.6290, -3.7611, 39.7904



165.0020, -23.1720, 12.2762

Rectangle

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



155.0540, 7.8614, -48.2824



157.2940, 24.0121, -48.4928



169.6290, -3.7611, 39.7904



167.6440, -20.0375, 33.6382

Sweetspot

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



155.0540, 7.8614, -48.2824



225.2750, 2.8224, -18.6582



149.6510, -24.4779, -35.6509



111.3900, 1.7797, -10.8660



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



155.0540, 7.8614, -48.2824



196.0290, 12.3107, -75.4474



137.8830, 20.7637, -33.2234



86.1950, 0.8899, -5.4330



105.3150, 15.1277, -92.3613



17.8840, 2.5222, -15.6843

Inverse Universe

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



124.9460, -7.8614, 48.2824



148.9710, -12.3107, 75.4474



142.1170, -20.7637, 33.2234



82.8050, -0.8899, 5.4330



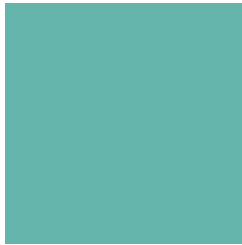
47.6850, -15.1277, 92.3613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 155.0540, 7.8614, -48.2824 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 155.0540, 7.8614, -48.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

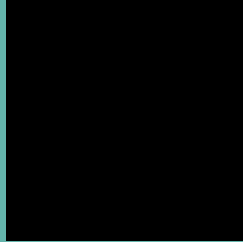
Any Text WCAG AA ✓ Pass

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 155.0540, 7.8614, -48.2824 Background



This preview shows how black text looks on a background with the YUV color 155.0540, 7.8614, -48.2824.



This preview shows how white text looks on a background with the YUV color 155.0540, 7.8614,

-48.2824.

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

155.0540, 7.8614, -48.2824

Protanopia

165.8540, -1.9000, 2.7590

Deuteranopia

167.3800, 3.7567, 8.4367



Tritanopia

157.3670, 16.5811, -45.0489

Trichromacy



Original Color

155.0540, 7.8614, -48.2824

Protanomaly

161.6560, 1.6486, -15.4843

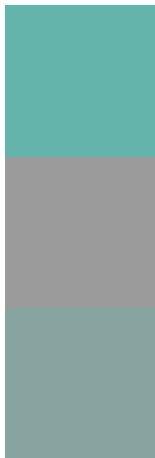
Deuteranomaly

163.0030, 5.4215, -12.2806

Tritanomaly

156.5580, 13.5289, -46.0934

Monochromacy



Original Color

155.0540, 7.8614, -48.2824

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9870, 2.9644, -17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0540, 7.8614, -48.2824 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(100, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(100, 180, 171)  
}
```

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(100, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 180, 171) }
```

Border

The CSS property to change the border of an element to YUV 155.0540, 7.8614, -48.2824 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(100, 180, 171) }
```


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

```
.border{ border-color:rgb(100, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(100, 180,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 155.0540, 7.8614, -48.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 180, 171) }
```

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

```
.background{ background-color: rgb(100,  
180, 171) }
```

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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