

Converting Colors

YUV(148.6050, 15.4777,
-64.5516)

Have a look what the booklet for
YUV(148.6050, 15.4777, -64.5516)
contains.

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Color

**YUV(148.6050, 15.4777,
-64.5516)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB4B4
RGB	75, 180, 180
RGB Percent	29%, 71%, 71%
CMY	0.7059, 0.2941, 0.2941
CMYK	0.58, 0.00, 0.00, 0.29
HSL	180°, 41%, 50%
HSV	180°, 58%, 71%
XYZ	27.4611, 37.4337, 48.9581
YIQ	148.6050, -62.5800, -22.2600

Conversions

Conversions Part 2

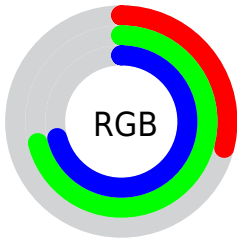
Format	Color
RYB	75, 128, 180
Decimal	4961460
CIELab	67.60, -29.81, -9.08
CIElCh	68, 31.158, 196.945
Yxy	37.4337, 0.2412, 0.3288
Android (android.graphics.Color)	4283151540 (0xFF4BB4B4)
YUV	148.6050, 15.4777, -64.5516
Hunter-Lab	61.1831, -26.9532, -4.6151

Details

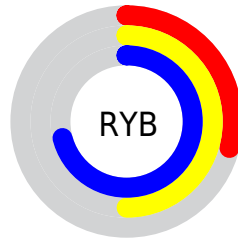
The YUV color **148.6050, 15.4777, -64.5516** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **106.3950, -15.4777, 64.5516**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5020, 15.0355, -62.7073**, and **89.0270, 18.7207, -78.0767** is the 20% darker color. If you saturate the color by 10%, you get **143.2230, 18.1311, -75.6176**, and if you desaturate by 10%, it is **153.9870, 12.8244, -53.4856**.

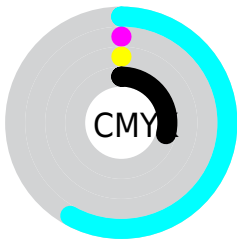
Distribution



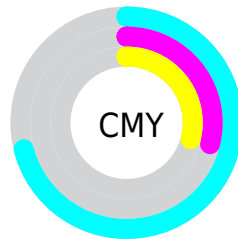
- Red (29%)
- Green (71%)
- Blue (71%)



- Red (29%)
- Yellow (50%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6050, 15.4777, -64.5516 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 148.6050, 15.4777, -64.5516 by changing the saturation by 10% instead.

■ 148.6050, 15.4777,
-64.5516

■ 148.6050, 15.4777,
-64.5516

■ 255.0000, 0.0000,
0.0000

■ 119.5120, 16.5096,
-68.8550

■ 205.5020, 15.0355,
-62.7073

■ 89.0270, 18.7207,
-78.0767

■ 227.4920, 13.5614,
-56.5595

■ 70.9150, 15.3249,
-62.1925

■ 236.4620, 9.1392,
-38.1162

■ 54.0910, 11.7871,
-47.4378

■ 245.1330, 4.8644,
-20.2876

■ 37.4950, 9.1230,
-32.8831

■ 254.1030, 0.4422,
-1.8443

■ 23.8340, 5.0118,
-20.9024

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 148.6050, 15.4777,
-64.5516

■ 148.6050, 15.4777,
-64.5516

■ 143.2230, 18.1311,
-75.6176

■ 153.9870, 12.8244,
-53.4856

■ 137.8410, 20.7844,
-86.6836

■ 159.3690, 10.1711,
-42.4196

■ 132.4590, 23.4377,
-97.7495

■ 164.7510, 7.5178,
-31.3536

■ 127.0770, 26.0910,
-108.8155

■ 170.1330, 4.8644,
-20.2876

■ 126.1800, 26.5333,
-110.6599

■ 175.5150, 2.2111,
-9.2217

■ 180.8970, -0.4422,
1.8443

■ 186.2790, -3.0955,
12.9103

■ 191.6610, -5.7489,
23.9763

■ 197.0430, -8.4022,
35.0423

Harmonies

Analogous

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



153.0840, -1.0274, -43.9237



148.6050, 15.4777, -64.5516



149.6940, 27.2659, -65.5066

Triad

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



148.6050, 15.4777, -64.5516



168.5780, 16.9700, 17.0331



164.1780, -26.7098, 27.0309

Complementary

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



148.6050, 15.4777, -64.5516



106.3950, -15.4777, 64.5516

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.



166.2860, -20.3540, 41.8452



148.6050, 15.4777, -64.5516



168.7950, 4.5381, 37.8908

Square

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



148.6050, 15.4777, -64.5516



165.0950, 26.0822, -12.3613



167.7070, -8.7296, 46.7380



161.3880, -25.3343, 5.7987

Rectangle

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



148.6050, 15.4777, -64.5516



154.5800, 30.2801, -52.2517



167.7070, -8.7296, 46.7380



164.6780, -24.9843, 33.6084

Sweetspot

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



148.6050, 15.4777, -64.5516



222.1430, 6.3385, -26.4354



136.6350, -30.3861, -54.0539



109.2260, 3.8326, -15.9842



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.



148.6050, 15.4777, -64.5516



185.6650, 24.3222, -101.4382



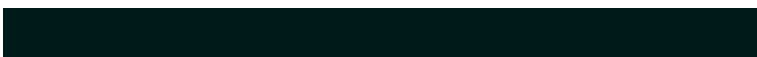
118.0810, 30.5261, -37.7820



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Inverse Universe

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



118.3650, 30.3861, 54.0539



138.1450, 47.7495, 84.9418



137.5060, -30.8155, 37.2672



83.7170, 2.6045, 4.6332



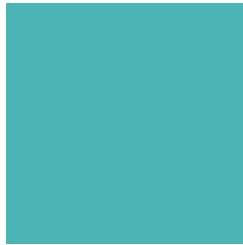
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 148.6050, 15.4777, -64.5516 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 148.6050, 15.4777, -64.5516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

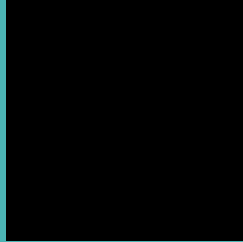
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.6050, 15.4777, -64.5516

Background



This preview shows how black text looks on a background with the YUV color 148.6050, 15.4777, -64.5516.



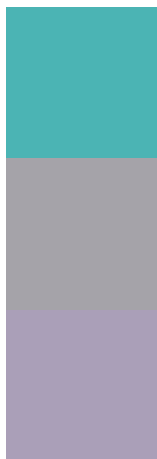
This preview shows how white text looks on a background with the YUV color 148.6050, 15.4777, -64.5516.

-64.5516.

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

148.6050, 15.4777, -64.5516

Protanopia

164.2820, 2.3260, 0.6297

Deuteranopia

165.1390, 9.2985, 4.2631



Tritanopia

150.2940, 20.5611, -61.6478

Trichromacy



Original Color

148.6050, 15.4777, -64.5516

Protanomaly

158.3930, 7.2013, -23.1467

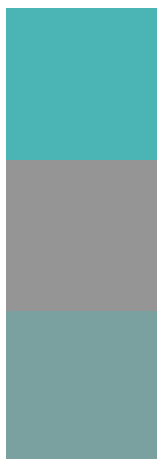
Deuteranomaly

159.2560, 11.7058, -21.2725

Tritanomaly

149.8270, 18.8193, -62.9923

Monochromacy



Original Color

148.6050, 15.4777, -64.5516

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.6380, 5.6015, -23.3615

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6050, 15.4777, -64.5516 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(75, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(75, 180, 180)  
}
```

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(75, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 180, 180) }
```

Border

The CSS property to change the border of an element to YUV 148.6050, 15.4777, -64.5516 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(75, 180, 180) }
```


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

```
.border{ border-color:rgb(75, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(75, 180,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 148.6050, 15.4777, -64.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 180, 180) }
```

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

```
.background{ background-color: rgb(75, 180,  
180) }
```

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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