

Converting Colors

YUV(164.5730, 17.4655,
-48.7375)

Have a look what the booklet for
YUV(164.5730, 17.4655, -48.7375)
contains.

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Color

**YUV(164.5730, 17.4655,
-48.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	6DBAC8
RGB	109, 186, 200
RGB Percent	43%, 73%, 78%
CMY	0.5725, 0.2706, 0.2157
CMYK	0.45, 0.07, 0.00, 0.22
HSL	189°, 45%, 61%
HSV	189°, 46%, 78%
XYZ	34.2909, 42.5392, 61.0471
YIQ	164.5730, -50.3860, -11.9700

Conversions

Conversions Part 2

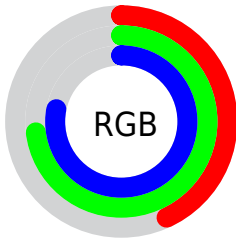
Format	Color
RYB	109, 151, 200
Decimal	7191240
CIELab	71.24, -20.09, -14.50
CIELCh	71, 24.780, 215.817
Yxy	42.5392, 0.2487, 0.3085
Android (android.graphics.Color)	4285381320 (0xFF6DBAC8)
YUV	164.5730, 17.4655, -48.7375
Hunter-Lab	65.2220, -20.2911, -9.8394

Details

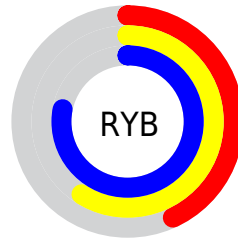
The YUV color **164.5730, 17.4655, -48.7375** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.4270, -17.4655, 48.7375**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4590, 17.0287, -48.6375**, and **109.9640, 17.7657, -51.7114** is the 20% darker color. If you saturate the color by 10%, you get **156.8320, 21.2818, -59.4887**, and if you desaturate by 10%, it is **172.3140, 13.6492, -37.9864**.

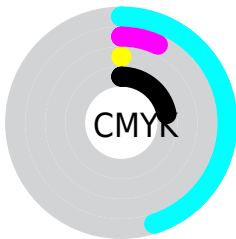
Distribution



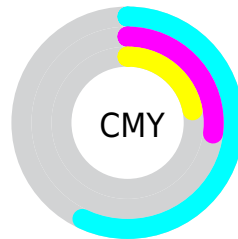
- Red (43%)
- Green (73%)
- Blue (78%)



- Red (43%)
- Yellow (59%)
- Blue (78%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (57%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5730, 17.4655, -48.7375 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 164.5730, 17.4655, -48.7375 by changing the saturation by 10% instead.

■ 164.5730, 17.4655,
-48.7375

■ 164.5730, 17.4655,
-48.7375

255.0000, 0.0000,
0.0000

■ 137.2740, 17.6129,
-49.3523

■ 220.4590, 17.0287,
-48.6375

■ 109.9640, 17.7657,
-51.7114

■ 236.7610, 8.9918,
-37.5014

■ 80.0770, 19.6820,
-59.7035

■ 245.4320, 4.7170,
-19.6729

■ 59.6650, 17.9132,
-52.3262

254.4020, 0.2948,
-1.2296

■ 42.8410, 14.3754,
-37.5716

■ 27.3050, 10.6956,
-23.9465

■ 9.1760, 9.7732,

-8.0474

■ 0.0000, 0.0000,
0.0000

■ 164.5730, 17.4655,
-48.7375

■ 164.5730, 17.4655,
-48.7375

■ 156.8320, 21.2818,
-59.4887

■ 172.3140, 13.6492,
-37.9864

■ 149.0910, 25.0981,
-70.2398

■ 180.0550, 9.8329,
-27.2352

■ 141.3500, 28.9145,
-80.9909

■ 187.7960, 6.0166,
-16.4841

■ 133.6090, 32.7308,
-91.7421

■ 195.5370, 2.2003,
-5.7329

■ 125.8680, 36.5471,
-102.4932

■ 203.2780, -1.6161,
5.0182

■ 122.0030, 38.4525,
-106.9966

■ 211.0190, -5.4324,
15.7693

■ 219.3470, -9.5381,
26.0057

■ 222.9020,
-11.2907, 28.1499

■ 224.6630,
-12.1589, 26.6055

Harmonies

Analogous

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



164.4460, 6.6821, -43.3641



164.5730, 17.4655, -48.7375



168.4200, 22.9639, -38.9563

Triad

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



164.5730, 17.4655, -48.7375



178.4020, 7.1968, 25.0804



172.8710, -21.1354, 12.3911

Complementary

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



164.5730, 17.4655, -48.7375



144.4270, -17.4655, 48.7375

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.



175.1980, -20.3106, 27.8904



164.5730, 17.4655, -48.7375



177.7210, -3.3135, 36.2017

Square

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



164.5730, 17.4655, -48.7375



177.0990, 16.7132, 6.0522



176.9740, -13.7912, 36.8568



170.3030, -16.4184, -7.2817

Rectangle

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



164.5730, 17.4655, -48.7375



171.6220, 23.3574, -25.1015



176.9740, -13.7912, 36.8568



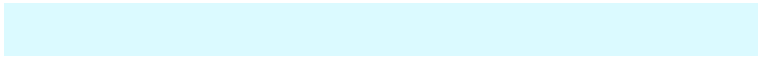
173.7900, -21.5885, 17.7242

Sweetspot

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



164.5730, 17.4655, -48.7375



241.3010, 6.7536, -19.5580



164.0130, -20.2194, -48.2464



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



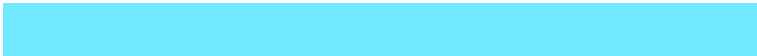
128.0000, 0.0000, 0.0000

Same Dimension

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



164.5730, 17.4655, -48.7375



200.2260, 27.0036, -74.7432



138.1580, 30.4881, -25.5716



95.7220, 1.6161, -5.0182



99.5880, 31.2621, -87.3387



21.7140, 7.0430, -19.0432

Inverse Universe

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



144.9870, 20.2194, 48.2464



170.3120, 30.9052, 74.2714



170.8420, -30.4881, 25.5716



93.6030, 2.1677, 4.7332



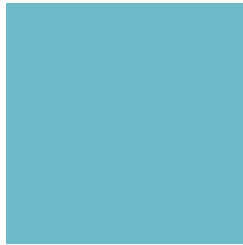
64.4690, 36.2508, 86.4117



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 164.5730, 17.4655, -48.7375 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 164.5730, 17.4655, -48.7375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

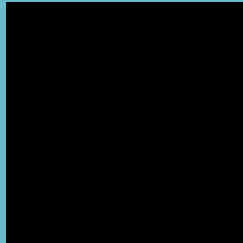
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.5730, 17.4655, -48.7375

Background



This preview shows how black text looks on a background with the YUV color 164.5730, 17.4655, -48.7375.



This preview shows how white text looks on a background with the YUV color 164.5730, 17.4655, -48.7375.

-48.7375.

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

164.5730, 17.4655, -48.7375

Protanopia

173.8670, 8.4466, -2.5144

Deuteranopia

175.0830, 14.2561, 0.8042



Tritanopia

164.6870, 17.9023, -48.8375

Trichromacy



Original Color

164.5730, 17.4655, -48.7375

Protanomaly

170.2670, 11.7004, -19.5282

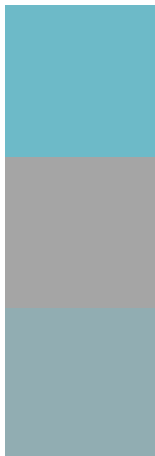
Deuteranomaly

171.3150, 15.6207, -16.9393

Tritanomaly

164.6870, 17.9023, -48.8375

Monochromacy



Original Color

164.5730, 17.4655, -48.7375

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5730, 17.4655, -48.7375 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(109, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(109, 186, 200)  
}
```

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(109, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 186, 200) }
```

Border

The CSS property to change the border of an element to YUV 164.5730, 17.4655, -48.7375 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(109, 186, 200) }
```


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

```
.border{ border-color:rgb(109, 186, 200) }
```

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

Here you see how a box with a 4 pixel rgb(109, 186, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(109, 186,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 164.5730, 17.4655, -48.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 186, 200) }
```

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

```
.background{ background-color: rgb(109,  
186, 200) }
```

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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