

Converting Colors

YUV(164.8810, 3.5097,
-52.5156)

Have a look what the booklet for
YUV(164.8810, 3.5097, -52.5156)
contains.

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Color

**YUV(164.8810, 3.5097,
-52.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	69C2AC
RGB	105, 194, 172
RGB Percent	41%, 76%, 67%
CMY	0.5882, 0.2392, 0.3255
CMYK	0.46, 0.00, 0.11, 0.24
HSL	165°, 42%, 59%
HSV	165°, 46%, 76%
XYZ	32.5639, 44.5654, 45.9154
YIQ	164.8810, -45.9820, -25.7100

Conversions

Conversions Part 2

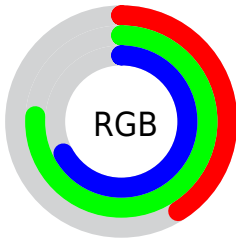
Format	Color
RYB	105, 156, 194
Decimal	6931116
CIELab	72.60, -32.05, 2.79
CIELCh	73, 32.172, 175.028
Yxy	44.5654, 0.2647, 0.3622
Android (android.graphics.Color)	4285121196 (0xFF69C2AC)
YUV	164.8810, 3.5097, -52.5156
Hunter-Lab	66.7573, -29.7539, 5.9507

Details

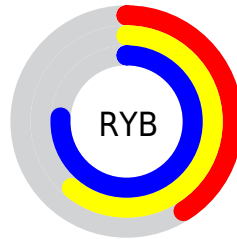
The YUV color **164.8810, 3.5097, -52.5156** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **134.1190, -3.5097, 52.5156**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3540, 2.7835, -52.9305**, and **110.2120, 4.8255, -54.5599** is the 20% darker color. If you saturate the color by 10%, you get **158.6300, 4.1264, -63.6965**, and if you desaturate by 10%, it is **171.1320, 2.8929, -41.3348**.

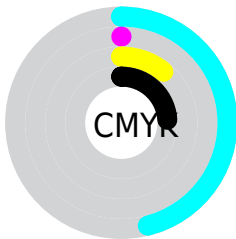
Distribution



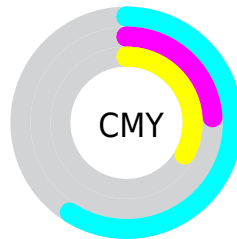
- Red (41%)
- Green (76%)
- Blue (67%)



- Red (41%)
- Yellow (61%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8810, 3.5097, -52.5156 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 164.8810, 3.5097, -52.5156 by changing the saturation by 10% instead.

■ 164.8810, 3.5097,
-52.5156

■ 164.8810, 3.5097,
-52.5156

■ 255.0000, 0.0000,
0.0000

■ 137.5820, 3.6571,
-53.1304

■ 221.3540, 2.7835,
-52.9305

■ 110.2120, 4.8255,
-54.5599

■ 235.2660, 9.7289,
-40.5753

■ 79.5420, 7.6208,
-64.4963

■ 243.9370, 5.4541,
-22.7467

■ 60.3370, 5.2569,
-52.9155

■ 252.9070, 1.0318,
-4.3034

■ 43.7410, 2.5927,
-38.3609

■ 27.8460, 0.0759,
-24.4209

■ 10.2070, -4.0461,

-8.9515

■ 0.0000, 0.0000,
0.0000

■ 164.8810, 3.5097,
-52.5156

■ 164.8810, 3.5097,
-52.5156

■ 158.6300, 4.1264,
-63.6965

■ 171.1320, 2.8929,
-41.3348

■ 152.0800, 4.8906,
-75.4922

■ 177.6820, 2.1288,
-29.5391

■ 145.9430, 5.9441,
-86.7730

■ 183.8190, 1.0752,
-18.2583

■ 139.3930, 6.7083,
-98.5687

■ 190.3690, 0.3111,
-6.4626

■ 133.1420, 7.3250,
-109.7495

■ 196.6200, -0.3057,
4.7183

■ 130.5220, 7.6307,
-114.4678

■ 202.8710, -0.9224,
15.8991

■ 209.4210, -1.6866,
27.6948

■ 214.0630, -2.0031,
35.9017

■ 214.6330, 0.1809,
35.4019

Harmonies

Analogous

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



170.0940, -12.8643, -27.2694



164.8810, 3.5097, -52.5156



161.4240, 20.0040, -69.6548

Triad

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



164.8810, 3.5097, -52.5156



179.6230, 25.3289, -4.0544



179.3630, -23.8430, 40.9006

Complementary

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



164.8810, 3.5097, -52.5156



134.1190, -3.5097, 52.5156

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.



180.6920, -12.6662, 49.3821



164.8810, 3.5097, -52.5156



182.3510, 14.6170, 25.1252

Square

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



164.8810, 3.5097, -52.5156



173.2060, 30.9574, -36.1377



181.9160, 1.0274, 43.9237



177.1020, -28.1513, 22.7125

Rectangle

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



164.8810, 3.5097, -52.5156



163.0850, 27.5661, -68.4805



181.9160, 1.0274, 43.9237



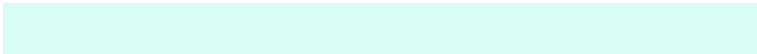
179.8950, -20.6542, 44.8191

Sweetspot

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



164.8810, 3.5097, -52.5156



240.6230, 1.6649, -20.7174



163.8210, -28.9988, -32.2920



120.7380, 0.6222, -12.9252



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.



164.8810, 3.5097, -52.5156



206.8620, 5.4910, -81.4400



154.4750, 19.4858, -43.3896



93.7820, 0.6005, -5.9478



108.3010, 6.2606, -94.9800



22.2210, 1.3700, -19.4878

Inverse Universe

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



134.1190, -3.5097, 52.5156



159.1380, -5.4910, 81.4400



144.5250, -19.4858, 43.3896



90.3320, -0.1637, 5.8478



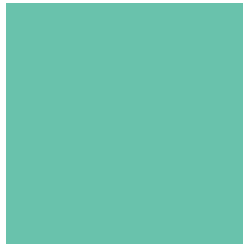
52.6990, -6.2606, 94.9800



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 164.8810, 3.5097, -52.5156 looks on a white background.

Color Contrast Check

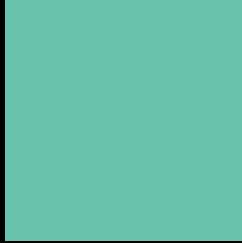
Large Text (above 18pt) WCAG AA × Fail

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 164.8810, 3.5097, -52.5156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

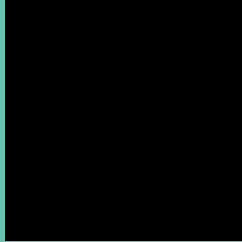
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.8810, 3.5097, -52.5156

Background



This preview shows how black text looks on a background with the YUV color 164.8810, 3.5097, -52.5156.



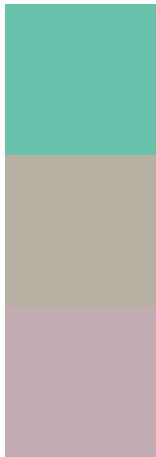
This preview shows how white text looks on a background with the YUV color 164.8810, 3.5097,

-52.5156.

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

164.8810, 3.5097, -52.5156

Protanopia

176.7960, -7.2944, 6.3179

Deuteranopia

178.5610, -0.7696, 13.5400



Tritanopia

168.3990, 18.0443, -47.7079

Trichromacy



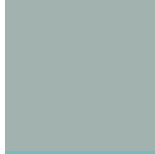
Original Color

164.8810, 3.5097, -52.5156



Protanomaly

172.6900, -3.2982, -15.5141



Deuteranomaly

173.4610, 0.7587, -10.0513



Tritanomaly

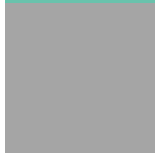
167.3080, 12.6662, -49.3821

Monochromacy



Original Color

164.8810, 3.5097, -52.5156



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.2210, 1.3700, -19.4878

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8810, 3.5097, -52.5156 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(105, 194, 172)` looks like.

```
.text, #text, p{  
    color:rgb(105, 194, 172)  
}
```

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(105, 194, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 194, 172) }
```

Border

The CSS property to change the border of an element to YUV 164.8810, 3.5097, -52.5156 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(105, 194, 172) }
```


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

```
.border{ border-color:rgb(105, 194, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 194, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 194, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 194, 172);  
box-shadow:4px 4px 4px 4px rgb(105, 194,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 164.8810, 3.5097, -52.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 194, 172) }
```

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

```
.background{ background-color: rgb(105,  
194, 172) }
```

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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