

Converting Colors

YUV(168.2410, 14.1782,
-67.7404)

Have a look what the booklet for
YUV(168.2410, 14.1782, -67.7404)
contains.

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Color

**YUV(168.2410, 14.1782,
-67.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCAC5
RGB	91, 202, 197
RGB Percent	36%, 79%, 77%
CMY	0.6431, 0.2078, 0.2275
CMYK	0.55, 0.00, 0.02, 0.21
HSL	177°, 51%, 57%
HSV	177°, 55%, 79%
XYZ	35.5130, 48.4964, 60.3123
YIQ	168.2410, -64.5510, -25.0870

Conversions

Conversions Part 2

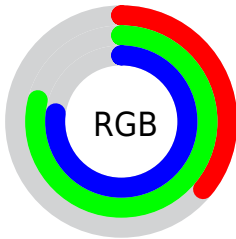
Format	Color
RYB	91, 148, 202
Decimal	6015685
CIELab	75.14, -32.71, -7.12
CIElCh	75, 33.473, 192.281
Yxy	48.4964, 0.2461, 0.3360
Android (android.graphics.Color)	4284205765 (0xFF5BCAC5)
YUV	168.2410, 14.1782, -67.7404
Hunter-Lab	69.6394, -30.8419, -2.6015

Details

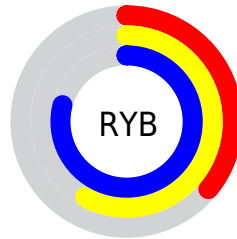
The YUV color **168.2410, 14.1782, -67.7404** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.7590, -14.1782, 67.7404**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4910, 15.0409, -64.4516**, and **106.1790, 18.1528, -82.5950** is the 20% darker color. If you saturate the color by 10%, you get **162.1470, 16.6895, -79.9359**, and if you desaturate by 10%, it is **174.3350, 11.6668, -55.5448**.

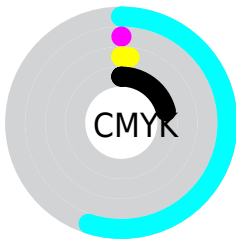
Distribution



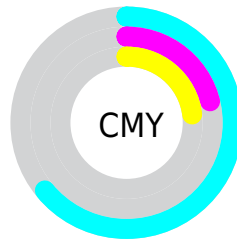
- Red (36%)
- Green (79%)
- Blue (77%)



- Red (36%)
- Yellow (58%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2410, 14.1782, -67.7404 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 168.2410, 14.1782, -67.7404 by changing the saturation by 10% instead.

■ 168.2410, 14.1782,
-67.7404

■ 168.2410, 14.1782,
-67.7404

255.0000, 0.0000,
0.0000

■ 139.1590, 15.2046,
-70.2994

■ 223.4910, 15.0409,
-64.4516

■ 106.1790, 18.1528,
-82.5950

■ 232.5750, 11.0555,
-46.1083

■ 84.4790, 16.5259,
-74.0881

■ 241.2460, 6.7807,
-28.2797

■ 66.9540, 12.8407,
-58.7187

■ 250.2160, 2.3585,
-9.8364

■ 50.2440, 9.7397,
-44.0640

■ 33.5340, 6.6387,
-29.4093

■ 18.9270, 3.9800,

-16.5990

■ 0.0000, 0.0000,
0.0000

■ 168.2410, 14.1782,
-67.7404

■ 168.2410, 14.1782,
-67.7404

■ 162.1470, 16.6895,
-79.9359

■ 174.3350, 11.6668,
-55.5448

■ 156.0530, 19.2009,
-92.1315

■ 180.4290, 9.1555,
-43.3492

■ 149.6600, 21.8596,
-104.9418

■ 186.8220, 6.4968,
-30.5389

■ 143.5660, 24.3710,
-117.1374

■ 192.9160, 3.9854,
-18.3433

■ 140.5760, 25.8450,
-123.2852

■ 199.0100, 1.4741,
-6.1478

■ 204.9900, -1.4741,
6.1478

■ 211.0840, -3.9854,
18.3433

■ 217.4770, -6.6442,
31.1537

■ 218.1890, -6.5022,
32.2832

Harmonies

Analogous

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



173.5740, -4.2270, -44.3534



168.2410, 14.1782, -67.7404



168.1660, 28.0192, -73.8136

Triad

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



168.2410, 14.1782, -67.7404



189.1800, 20.6173, 13.8741



184.7550, -28.4732, 32.6639

Complementary

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



168.2410, 14.1782, -67.7404



124.7590, -14.1782, 67.7404

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.



186.6180, -20.5177, 47.6930



168.2410, 14.1782, -67.7404



189.6040, 7.5902, 38.9353

Square

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



168.2410, 14.1782, -67.7404



184.6750, 29.7402, -19.0090



188.3700, -7.5774, 50.5415



181.9110, -28.5501, 10.6021

Rectangle

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



168.2410, 14.1782, -67.7404



173.0950, 32.4912, -61.4733



188.3700, -7.5774, 50.5415



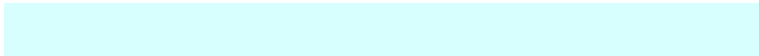
185.2550, -26.7477, 39.2414

Sweetspot

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



168.2410, 14.1782, -67.7404



242.5130, 5.1701, -25.0059



157.9510, -33.0068, -53.4540



120.2970, 2.8116, -15.1695



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.



168.2410, 14.1782, -67.7404



203.8560, 21.2700, -102.4827



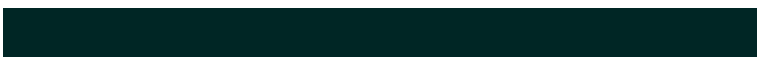
139.4610, 30.8317, -42.5003



99.0100, 1.4741, -6.1478



115.4540, 20.9752, -101.2532



26.5240, 5.1647, -23.2615

Inverse Universe

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



124.7590, -14.1782, 67.7404



138.0300, -21.7068, 102.5827



153.5390, -30.8317, 42.5003



94.9900, -1.4741, 6.1478



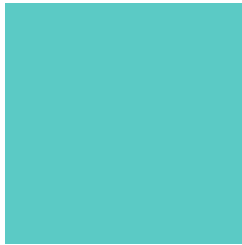
50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 168.2410, 14.1782, -67.7404 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 168.2410, 14.1782, -67.7404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

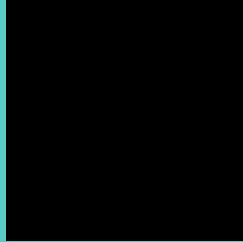
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.2410, 14.1782, -67.7404

Background



This preview shows how black text looks on a background with the YUV color 168.2410, 14.1782, -67.7404.



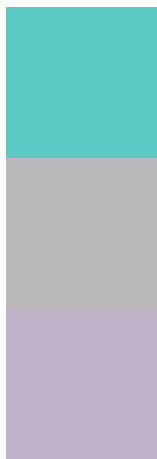
This preview shows how white text looks on a background with the YUV color 168.2410, 14.1782, -67.7404.

-67.7404.

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

168.2410, 14.1782, -67.7404

Protanopia

184.2390, 0.8682, 1.5444

Deuteranopia

185.8080, 7.9827, 6.3074



Tritanopia

170.6250, 21.8769, -63.6921

Trichromacy



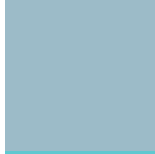
Original Color

168.2410, 14.1782, -67.7404



Protanomaly

178.3390, 5.7489, -23.9763



Deuteranomaly

179.2130, 10.2480, -20.3578



Tritanomaly

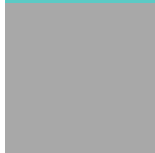
169.5170, 18.9721, -65.3514

Monochromacy



Original Color

168.2410, 14.1782, -67.7404



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.9260, 5.4595, -24.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2410, 14.1782, -67.7404 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(91, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(91, 202, 197)  
}
```

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(91, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 202, 197) }
```

Border

The CSS property to change the border of an element to YUV 168.2410, 14.1782, -67.7404 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(91, 202, 197) }
```


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

```
.border{ border-color:rgb(91, 202, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(91, 202,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 168.2410, 14.1782, -67.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 202, 197) }
```

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

```
.background{ background-color: rgb(91, 202,  
197) }
```

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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