

Converting Colors

YUV(165.6690, 18.4042,
-69.8697)

Have a look what the booklet for
YUV(165.6690, 18.4042, -69.8697)
contains.

YUV(165.6690, 18.4042, -69.8697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.6690, 18.4042,
-69.8697)**

Conversions

Conversions Part 1

Format	Color
Hex	56C7CB
RGB	86, 199, 203
RGB Percent	34%, 78%, 80%
CMY	0.6627, 0.2196, 0.2039
CMYK	0.58, 0.02, 0.00, 0.20
HSL	182°, 53%, 57%
HSV	182°, 58%, 80%
XYZ	35.0407, 47.1371, 63.7514
YIQ	165.6690, -68.6320, -22.7120

Conversions

Conversions Part 2

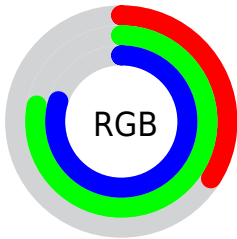
Format	Color
R _Y B	86, 143, 203
Decimal	5687243
CIE Lab	74.28, -30.61, -11.67
CIE LCh	74, 32.754, 200.866
Yxy	47.1371, 0.2401, 0.3230
Android (android.graphics.Color)	4283877323 (0xFF56C7CB)
YUV	165.6690, 18.4042, -69.8697
Hunter-Lab	68.6564, -29.0465, -6.9946

Details

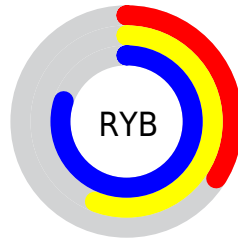
The YUV color **165.6690, 18.4042, -69.8697** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **123.3310, -18.4042, 69.8697**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **102.1010, 23.1212, -89.5426** is the 20% darker color. If you saturate the color by 10%, you get **159.1020, 21.6417, -81.6505**, and if you desaturate by 10%, it is **172.2360, 15.1667, -58.0890**.

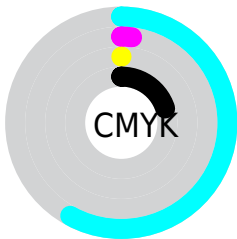
Distribution



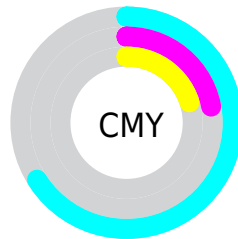
- Red (34%)
- Green (78%)
- Blue (80%)



- Red (34%)
- Yellow (56%)
- Blue (80%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.6690, 18.4042, -69.8697 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 165.6690, 18.4042, -69.8697 by changing the saturation by 10% instead.

■ 165.6690, 18.4042,
-69.8697

■ 165.6690, 18.4042,
-69.8697

■ 255.0000, 0.0000,
0.0000

■ 135.9890, 19.7254,
-73.6584

■ 222.4090, 16.0674,
-67.0107

■ 102.1010, 23.1212,
-89.5426

■ 231.3790, 11.6452,
-48.5674

■ 83.8750, 19.2886,
-73.5584

■ 240.3490, 7.2229,
-30.1241

■ 65.7630, 15.8928,
-57.6742

■ 249.3190, 2.8007,
-11.6808

■ 49.0530, 12.7919,
-43.0195

■ 32.9300, 9.4015,
-28.8796

■ 18.2090, 6.3060,

-15.9693

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 165.6690, 18.4042,
-69.8697

■ 165.6690, 18.4042,
-69.8697

■ 159.1020, 21.6417,
-81.6505

■ 172.2360, 15.1667,
-58.0890

■ 152.8230, 24.7373,
-94.5608

■ 178.5150, 12.0711,
-45.1787

■ 146.2560, 27.9748,
-106.3415

■ 185.0820, 8.8336,
-33.3979

■ 139.6890, 31.2123,
-118.1223

■ 191.6490, 5.5960,
-21.6172

■ 138.1940, 31.9494,
-121.1961

■ 197.9280, 2.5005,
-8.7069

■ 204.4950, -0.7370,
3.0739

■ 211.0620, -3.9746,
14.8546

■ 217.6290, -7.2121,
26.6354

■ 219.7220, -8.2439,
30.9388

Harmonies

Analogous

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



169.9090, 1.0309, -50.7862



165.6690, 18.4042, -69.8697



168.2530, 29.4553, -67.7509

Triad

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



165.6690, 18.4042, -69.8697



187.1980, 16.6644, 21.7514



181.8960, -29.0357, 26.4012

Complementary

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



165.6690, 18.4042, -69.8697



123.3310, -18.4042, 69.8697

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.



184.2000, -23.2696, 43.6746



165.6690, 18.4042, -69.8697



187.0730, 2.9220, 42.9090

Square

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



165.6690, 18.4042, -69.8697



183.7580, 27.2343, -8.5578



185.7460, -11.2138, 50.2118



178.5510, -25.9076, 3.0248

Rectangle

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



165.6690, 18.4042, -69.8697



173.4490, 32.3166, -52.1368



185.7460, -11.2138, 50.2118



182.2820, -27.7470, 33.0787

Sweetspot

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



165.6690, 18.4042, -69.8697



241.5560, 6.6279, -25.9206



155.1350, -32.1116, -60.6314



119.6390, 4.1220, -15.4694



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.



165.6690, 18.4042, -69.8697



198.8540, 27.6800, -105.1120



131.6230, 35.1889, -40.0114



99.0100, 1.4741, -6.1478



112.8440, 26.2059, -98.9642



26.0510, 5.8909, -22.8467

Inverse Universe

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



133.8650, 32.1116, 60.6314



151.0040, 48.3120, 91.2045



157.3770, -35.1889, 40.0114



96.1300, 2.8939, 5.1480



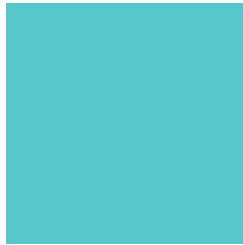
67.8740, 45.4181, 86.0565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 165.6690, 18.4042, -69.8697 looks on a white background.

Color Contrast Check

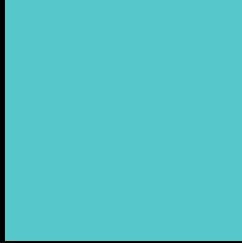
Large Text (above 18pt) WCAG AA × Fail

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 165.6690, 18.4042, -69.8697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

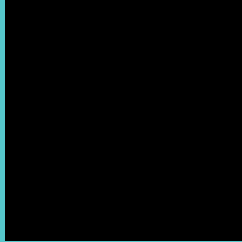
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.6690, 18.4042, -69.8697

Background



This preview shows how black text looks on a background with the YUV color 165.6690, 18.4042, -69.8697.

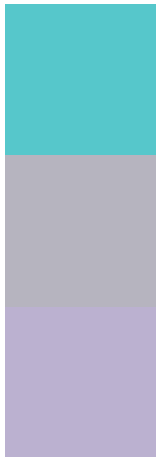


This preview shows how white text looks on a background with the YUV color 165.6690, 18.4042, -69.8697.

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

165.6690, 18.4042, -69.8697

Protanopia

181.8520, 4.5100, 0.1298

Deuteranopia

183.5240, 12.0667, 3.0485



Tritanopia

166.8310, 22.7613, -67.3808

Trichromacy



Original Color

165.6690, 18.4042, -69.8697

Protanomaly

175.9520, 9.3907, -25.3909

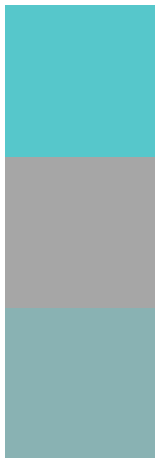
Deuteranomaly

176.9290, 14.3320, -23.6167

Tritanomaly

166.6630, 20.8721, -68.1105

Monochromacy



Original Color

165.6690, 18.4042, -69.8697

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8550, 6.4805, -25.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.6690, 18.4042, -69.8697 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(86, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(86, 199, 203)  
}
```

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(86, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 199, 203) }
```

Border

The CSS property to change the border of an element to YUV 165.6690, 18.4042, -69.8697 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(86, 199, 203) }
```


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

```
.border{ border-color:rgb(86, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(86, 199,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 165.6690, 18.4042, -69.8697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 199, 203) }
```

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

```
.background{ background-color: rgb(86, 199,  
203) }
```

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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