

Converting Colors

YUV(189.0340, 18.2242,
-58.7888)

Have a look what the booklet for
YUV(189.0340, 18.2242, -58.7888)
contains.

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Color

**YUV(189.0340, 18.2242,
-58.7888)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD8E2
RGB	122, 216, 226
RGB Percent	48%, 85%, 89%
CMY	0.5216, 0.1529, 0.1137
CMYK	0.46, 0.04, 0.00, 0.11
HSL	186°, 64%, 68%
HSV	186°, 46%, 89%
XYZ	46.3094, 58.7403, 80.8488
YIQ	189.0340, -59.2340, -16.8180

Conversions

Conversions Part 2

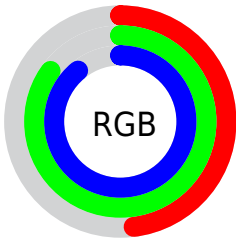
Format	Color
RYB	122, 171, 226
Decimal	8050914
CIELab	81.15, -25.30, -13.61
CIElCh	81, 28.730, 208.274
Yxy	58.7403, 0.2491, 0.3160
Android (android.graphics.Color)	4286240994 (0xFF7AD8E2)
YUV	189.0340, 18.2242, -58.7888
Hunter-Lab	76.6422, -26.2692, -8.8946

Details

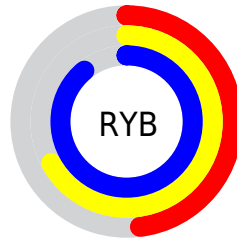
The YUV color **189.0340, 18.2242, -58.7888** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **158.9660, -18.2242, 58.7888**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, 11.0555, -46.1083**, and **132.5390, 18.9613, -61.8627** is the 20% darker color. If you saturate the color by 10%, you get **180.9830, 22.1934, -71.8991**, and if you desaturate by 10%, it is **197.0850, 14.2551, -45.6785**.

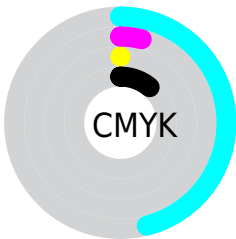
Distribution



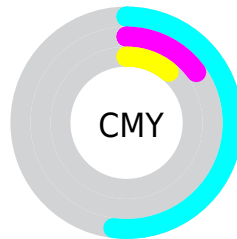
- Red (48%)
- Green (85%)
- Blue (89%)



- Red (48%)
- Yellow (67%)
- Blue (89%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (52%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0340, 18.2242, -58.7888 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 189.0340, 18.2242, -58.7888 by changing the saturation by 10% instead.

189.0340, 18.2242,
-58.7888

189.0340, 18.2242,
-58.7888

255.0000, 0.0000,
0.0000

160.7350, 18.3716,
-59.4036

232.5750, 11.0555,
-46.1083

132.5390, 18.9613,
-61.8627

241.2460, 6.7807,
-28.2797

102.2500, 20.5828,
-68.6252

250.2160, 2.3585,
-9.8364

77.5490, 20.4353,
-68.0105

60.0240, 16.7502,
-52.6410

43.7870, 12.9230,
-38.4012

28.3650, 9.6801,

-24.8761

■ 8.4750, 9.6258,
-7.4326

■ 0.0000, 0.0000,
0.0000

■ 189.0340, 18.2242,
-58.7888

■ 189.0340, 18.2242,
-58.7888

■ 180.9830, 22.1934,
-71.8991

■ 197.0850, 14.2551,
-45.6785

■ 173.2310, 26.0151,
-84.3946

■ 204.8370, 10.4334,
-33.1830

■ 164.5930, 30.2737,
-96.9901

■ 213.4750, 6.1748,
-20.5876

■ 156.8410, 34.0954,
-109.4856

■ 221.2270, 2.3531,
-8.0921

■ 148.7900, 38.0645,
-122.5958

■ 229.2780, -1.6161,
5.0182

■ 145.5120, 39.6806,
-127.6140

■ 236.4320, -5.1430,
16.2841

■ 237.6060, -5.7218,
15.2545

■ 238.7800, -6.3005,
14.2249

■ 240.5410, -7.1687,
12.6805

Harmonies

Analogous

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



190.7290, 4.0776, -47.9973



189.0340, 18.2242, -58.7888



192.5540, 26.3489, -51.3519

Triad

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



189.0340, 18.2242, -58.7888



206.2540, 11.7068, 25.2102



200.3620, -25.8145, 19.8535

Complementary

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



189.0340, 18.2242, -58.7888



158.9660, -18.2242, 58.7888

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.



202.6830, -22.5217, 37.1120



189.0340, 18.2242, -58.7888



205.7370, -0.8563, 41.4497

Square

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



189.0340, 18.2242, -58.7888



203.8470, 22.2604, 0.1342



204.4310, -13.5235, 44.3490



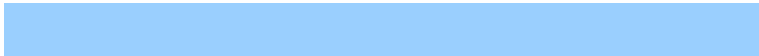
197.6580, -21.5234, -3.2081

Rectangle

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



189.0340, 18.2242, -58.7888



196.5110, 28.3421, -37.2821



204.4310, -13.5235, 44.3490



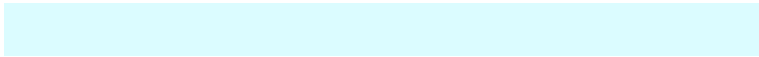
201.1070, -25.6888, 26.2162

Sweetspot

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



189.0340, 18.2242, -58.7888



242.4750, 6.1748, -20.5876



184.0740, -26.1655, -54.4389



119.6610, 4.1111, -11.9807



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.



189.0340, 18.2242, -58.7888



205.5090, 24.3991, -79.3764



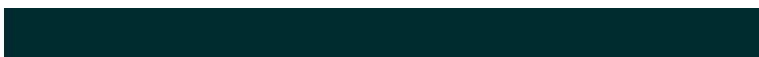
159.0970, 32.9832, -32.5341



108.1240, 1.9109, -6.2477



113.3970, 30.8633, -99.4492



31.3000, 8.2331, -27.4501

Inverse Universe

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



163.8120, 25.7287, 54.5389



171.3380, 34.8364, 73.3716



188.9030, -32.9832, 32.5341



105.4290, 2.7465, 5.7628



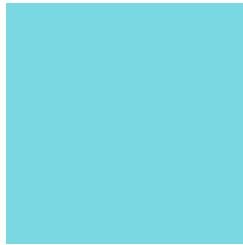
70.7500, 43.5072, 92.3042



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 189.0340, 18.2242, -58.7888 looks on a white background.

Color Contrast Check

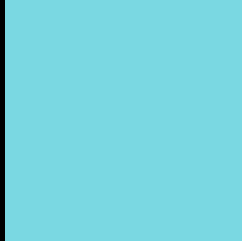
Large Text (above 18pt) WCAG AA × Fail

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 189.0340, 18.2242, -58.7888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

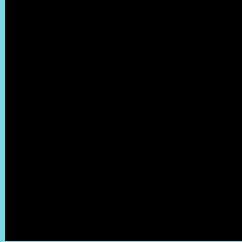
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.0340, 18.2242, -58.7888

Background



This preview shows how black text looks on a background with the YUV color 189.0340, 18.2242, -58.7888.



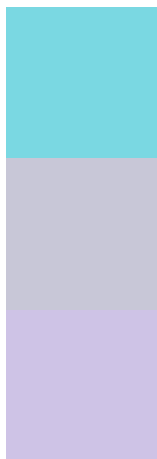
This preview shows how white text looks on a background with the YUV color 189.0340, 18.2242, -58.7888.

-58.7888.

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

189.0340, 18.2242, -58.7888

Protanopia

201.1230, 6.8414, -0.9849

Deuteranopia

202.2790, 13.6665, 3.2633



Tritanopia

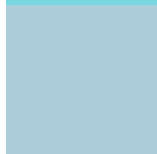
189.7290, 20.8396, -57.6443

Trichromacy



Original Color

189.0340, 18.2242, -58.7888



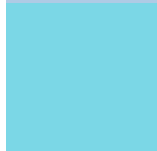
Protanomaly

196.7290, 10.9796, -21.6873



Deuteranomaly

197.5920, 15.4841, -19.8132



Tritanomaly

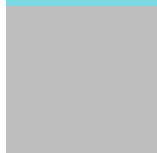
189.2020, 20.1134, -58.0592

Monochromacy



Original Color

189.0340, 18.2242, -58.7888



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.1760, 6.3222, -21.2024

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0340, 18.2242, -58.7888 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(122, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(122, 216, 226)  
}
```

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(122, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 216, 226) }
```

Border

The CSS property to change the border of an element to YUV 189.0340, 18.2242, -58.7888 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(122, 216, 226) }
```


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

```
.border{ border-color:rgb(122, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(122, 216,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 189.0340, 18.2242, -58.7888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 216, 226) }
```

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

```
.background{ background-color: rgb(122,  
216, 226) }
```

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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