

Converting Colors

YUV(189.0260, 10.3402,
-50.0118)

Have a look what the booklet for
YUV(189.0260, 10.3402, -50.0118)
contains.

YUV(189.0260, 10.3402, -50.0118)	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(189.0260, 10.3402,
-50.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	84D6D2
RGB	132, 214, 210
RGB Percent	52%, 84%, 82%
CMY	0.4824, 0.1608, 0.1765
CMYK	0.38, 0.00, 0.02, 0.16
HSL	177°, 50%, 68%
HSV	177°, 38%, 84%
XYZ	45.1951, 57.6518, 69.7186
YIQ	189.0260, -47.5880, -18.6280

Conversions

Conversions Part 2

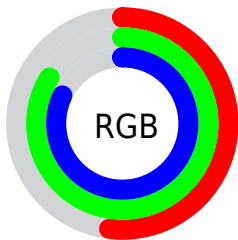
Format	Color
R_{YB}	132, 174, 214
Decimal	8705746
CIE _{Lab}	80.54, -25.88, -5.93
CIE _{LCh}	81, 26.551, 192.896
Yxy	57.6518, 0.2619, 0.3341
Android (android.graphics.Color)	4286895826 (0xFF84D6D2)
YUV	189.0260, 10.3402, -50.0118
Hunter-Lab	75.9288, -26.6267, -1.2906

Details

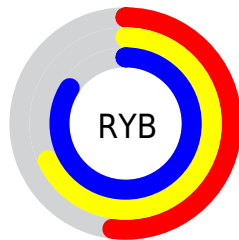
The YUV color **189.0260, 10.3402, -50.0118** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.9740, -10.3402, 50.0118**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **133.8410, 10.9244, -50.7266** is the 20% darker color. If you saturate the color by 10%, you get **182.6330, 12.9989, -62.8221**, and if you desaturate by 10%, it is **195.4190, 7.6814, -37.2015**.

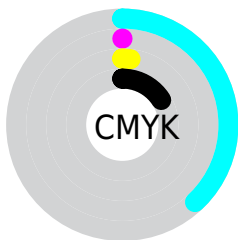
Distribution



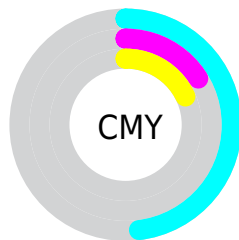
- Red (52%)
- Green (84%)
- Blue (82%)



- Red (52%)
- Yellow (68%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0260, 10.3402, -50.0118 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 189.0260, 10.3402, -50.0118 by changing the saturation by 10% instead.

■ 189.0260, 10.3402,
-50.0118

■ 189.0260, 10.3402,
-50.0118

■ 255.0000, 0.0000,
0.0000

■ 161.0260, 10.3402,
-50.0118

■ 234.9670, 9.8763,
-41.1901

■ 133.8410, 10.9244,
-50.7266

■ 243.6380, 5.6015,
-23.3615

■ 106.9440, 11.3666,
-52.5709

■ 252.6080, 1.1793,
-4.9182

■ 76.2740, 14.1619,
-62.5073

■ 57.8410, 10.9244,
-50.7266

■ 41.2450, 8.2602,
-36.1719

■ 25.8230, 5.0173,

-22.6468

■ 4.0580, 5.3944,
-3.5589

■ 0.0000, 0.0000,
0.0000

■ 189.0260, 10.3402,
-50.0118

■ 189.0260, 10.3402,
-50.0118

■ 182.6330, 12.9989,
-62.8221

■ 195.4190, 7.6814,
-37.2015

■ 175.9410, 15.8051,
-76.2473

■ 202.1110, 4.8753,
-23.7763

■ 169.5480, 18.4638,
-89.0576

■ 208.5040, 2.2165,
-10.9660

■ 162.8560, 21.2700,
-102.4827

■ 215.1960, -0.5896,
2.4591

■ 156.4630, 23.9287,
-115.2931

■ 221.5890, -3.2484,
15.2694

■ 150.0700, 26.5875,
-128.1034

■ 226.4870, -5.1701,
25.0059

■ 148.8740, 27.1771,
-130.5625

■ 226.6010, -4.7333,
24.9059

■ 226.7150, -4.2965,
24.8059

■ 226.8290, -3.8597,
24.7060

Harmonies

Analogous

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



191.4550, -3.6753, -34.6020



189.0260, 10.3402, -50.0118



190.1750, 21.1127, -51.8965

Triad

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



189.0260, 10.3402, -50.0118



203.3170, 16.1127, 12.0000



199.8020, -23.0734, 27.3606

Complementary

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



189.0260, 10.3402, -50.0118



156.9740, -10.3402, 50.0118

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.



202.0730, -17.2910, 39.4010



189.0260, 10.3402, -50.0118



204.2780, 5.2859, 31.3282

Square

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



189.0260, 10.3402, -50.0118



199.8130, 23.7562, -12.9910



203.5430, -6.6767, 41.6198



197.6810, -23.0137, 8.1728

Rectangle

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



189.0260, 10.3402, -50.0118



193.1420, 24.5800, -43.9745



203.5430, -6.6767, 41.6198



201.0630, -22.2161, 32.3937

Sweetspot

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



189.0260, 10.3402, -50.0118



246.5140, 3.6906, -17.1138



181.3300, -24.3197, -39.7544



122.8030, 2.0691, -10.3512



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.



189.0260, 10.3402, -50.0118



219.3330, 14.6258, -71.3290



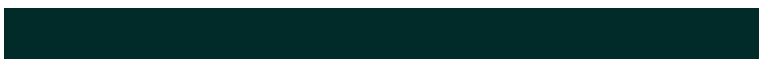
167.7630, 22.7948, -31.3642



103.7110, 1.6215, -6.7625



118.9590, 21.7122, -104.3270



29.9150, 5.4649, -26.2355

Inverse Universe

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



156.9740, -10.3402, 50.0118



173.5530, -15.0626, 71.4290



178.2370, -22.7948, 31.3642



99.4030, -1.1847, 6.6626



52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 189.0260, 10.3402, -50.0118 looks on a white background.

Color Contrast Check

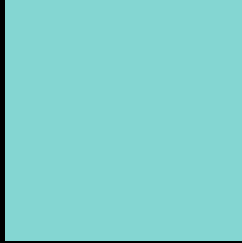
Large Text (above 18pt) WCAG AA × Fail

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 189.0260, 10.3402, -50.0118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

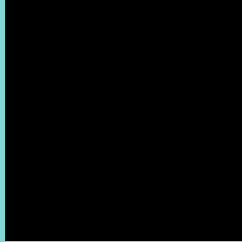
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

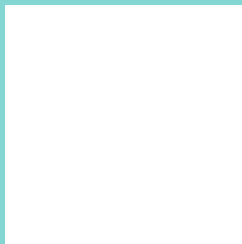
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.0260, 10.3402, -50.0118

Background



This preview shows how black text looks on a background with the YUV color 189.0260, 10.3402, -50.0118.



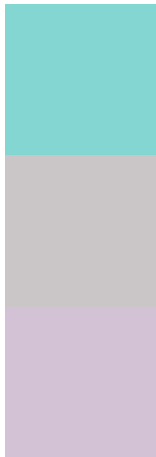
This preview shows how white text looks on a background with the YUV color 189.0260, 10.3402, -50.0118.

-50.0118.

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

189.0260, 10.3402, -50.0118

Protanopia

199.4240, 0.2840, 2.2592

Deuteranopia

200.7760, 6.5194, 8.9664



Tritanopia

190.8120, 18.3337, -47.1931

Trichromacy



Original Color

189.0260, 10.3402, -50.0118

Protanomaly

195.9270, 3.9800, -16.5990

Deuteranomaly

196.6870, 8.0423, -12.8805

Tritanomaly

190.0030, 15.2815, -48.2376

Monochromacy



Original Color

189.0260, 10.3402, -50.0118

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0260, 10.3402, -50.0118 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(132, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(132, 214, 210)  
}
```

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(132, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 214, 210) }
```

Border

The CSS property to change the border of an element to YUV 189.0260, 10.3402, -50.0118 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(132, 214, 210) }
```


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

```
.border{ border-color:rgb(132, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(132, 214,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 189.0260, 10.3402, -50.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 214, 210) }
```

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

```
.background{ background-color: rgb(132,  
214, 210) }
```

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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