

Converting Colors

YUV(180.3900, 15.0907,
-33.6680)

Have a look what the booklet for
YUV(180.3900, 15.0907, -33.6680)
contains.

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Color

**YUV(180.3900, 15.0907,
-33.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC2D3
RGB	142, 194, 211
RGB Percent	56%, 76%, 83%
CMY	0.4431, 0.2392, 0.1725
CMYK	0.33, 0.08, 0.00, 0.17
HSL	195°, 44%, 69%
HSV	195°, 33%, 83%
XYZ	42.2050, 49.0375, 68.8688
YIQ	180.3900, -36.4490, -5.7370

Conversions

Conversions Part 2

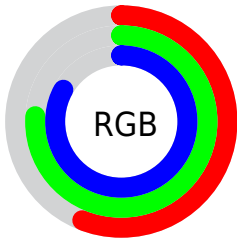
Format	Color
RYB	142, 172, 211
Decimal	9355987
CIELab	75.47, -12.83, -13.96
CIELCh	75, 18.964, 227.422
Yxy	49.0375, 0.2636, 0.3063
Android (android.graphics.Color)	4287546067 (0xFF8EC2D3)
YUV	180.3900, 15.0907, -33.6680
Hunter-Lab	70.0268, -14.9653, -9.2908

Details

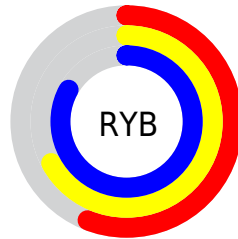
The YUV color $180.3900, 15.0907, -33.6680$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $172.6100, -15.0907, 33.6680$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.3100, 9.7072, -33.5979$, and $126.5750, 14.5065, -32.9533$ is the 20% darker color. If you saturate the color by 10%, you get $171.1760, 19.6332, -44.0044$, and if you desaturate by 10%, it is $189.6040, 10.5482, -23.3317$.

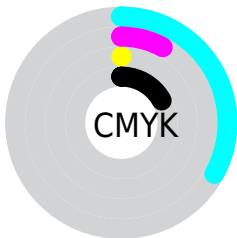
Distribution



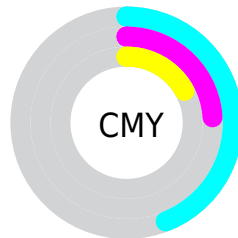
- Red (56%)
- Green (76%)
- Blue (83%)



- Red (56%)
- Yellow (67%)
- Blue (83%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3900, 15.0907, -33.6680 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 180.3900, 15.0907, -33.6680 by changing the saturation by 10% instead.

■ 180.3900, 15.0907,
-33.6680

■ 180.3900, 15.0907,
-33.6680

255.0000, 0.0000,
0.0000

■ 153.2760, 14.6539,
-33.5681

■ 235.3100, 9.7072,
-33.5979

■ 126.5750, 14.5065,
-32.9533

■ 246.3290, 4.2748,
-17.8285

■ 101.1620, 14.2171,
-33.4681

■ 75.5640, 14.5119,
-34.6976

■ 48.5630, 15.9914,
-42.5898

■ 32.4400, 12.6011,
-28.4499

■ 18.7790, 8.4900,

-16.4692

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 180.3900, 15.0907,
-33.6680

■ 180.3900, 15.0907,
-33.6680

■ 171.1760, 19.6332,
-44.0044

■ 189.6040, 10.5482,
-23.3317

■ 161.9620, 24.1757,
-54.3407

■ 198.8180, 6.0057,
-12.9954

■ 152.1610, 29.0076,
-64.1622

■ 208.6190, 1.1738,
-3.1739

■ 142.9470, 33.5501,
-74.4985

■ 217.8330, -3.3687,
7.1625

■ 133.7330, 38.0926,
-84.8348

■ 227.3460, -8.0586,
18.1136

■ 124.2200, 42.7825,
-95.7859

■ 232.3740,
-10.5374, 19.8430

■ 117.3870, 46.1512,
-102.9484

■ 235.3090,
-11.9843, 17.2690

■ 238.8310,
-13.7207, 14.1802

■ 241.7660,
-15.1676, 11.6062

Harmonies

Analogous

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



179.2560, 8.2548, -34.4275



180.3900, 15.0907, -33.6680



183.5530, 17.9684, -23.2870

Triad

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



180.3900, 15.0907, -33.6680



189.1370, 2.3975, 24.4359



184.3090, -15.4353, 4.1140

Complementary

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



180.3900, 15.0907, -33.6680



172.6100, -15.0907, 33.6680

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.



186.0550, -16.7891, 18.3688



180.3900, 15.0907, -33.6680



188.8790, -6.3493, 29.9241

Square

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



180.3900, 15.0907, -33.6680



188.5250, 10.5872, 10.9406



187.7340, -13.1799, 27.4203



182.2900, -10.0030, -11.6553

Rectangle

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



180.3900, 15.0907, -33.6680



185.6900, 16.9148, -12.0061



187.7340, -13.1799, 27.4203



184.7010, -16.6146, 9.0322

Sweetspot

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



180.3900, 15.0907, -33.6680



244.0030, 5.4215, -12.2806



184.3270, -12.9792, -37.1208



120.8680, 3.5161, -7.7772



0.0000, 0.0000, 0.0000



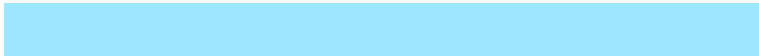
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.3900, 15.0907, -33.6680



210.7240, 21.8281, -47.9929



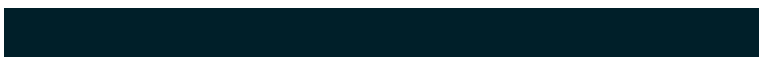
160.4320, 24.9300, -16.1649



99.9500, 2.4897, -5.2181



93.7010, 36.6294, -82.1758



22.8710, 8.9376, -20.0579

Inverse Universe

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



168.5590, 12.5424, 37.2208



194.0370, 17.7298, 53.4646



192.5680, -24.9300, 16.1649



98.2010, 1.8729, 5.9627



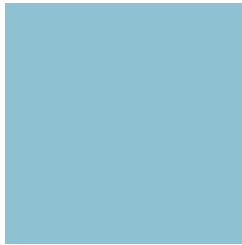
64.7100, 30.7090, 90.5853



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 180.3900, 15.0907, -33.6680 looks on a white background.

Color Contrast Check

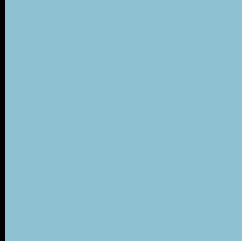
Large Text (above 18pt) WCAG AA × Fail

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 180.3900, 15.0907, -33.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

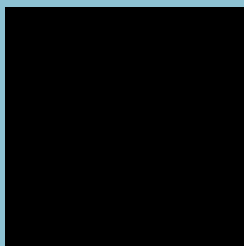
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

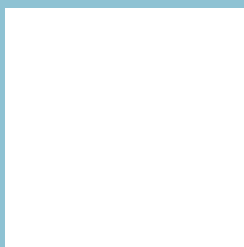
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.3900, 15.0907, -33.6680

Background



This preview shows how black text looks on a background with the YUV color 180.3900, 15.0907, -33.6680.



This preview shows how white text looks on a background with the YUV color 180.3900, 15.0907, -33.6680.

-33.6680.

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

180.3900, 15.0907, -33.6680

Protanopia

186.0950, 9.3202, -2.7143

Deuteranopia

187.4530, 13.0877, 2.2337



Tritanopia

180.2760, 14.6539, -33.5681

Trichromacy



Original Color

180.3900, 15.0907, -33.6680

Protanomaly

184.1860, 11.2473, -14.1951

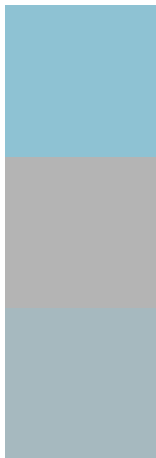
Deuteranomaly

185.1910, 13.7098, -10.6915

Tritanomaly

180.2760, 14.6539, -33.5681

Monochromacy



Original Color

180.3900, 15.0907, -33.6680

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0030, 5.4215, -12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3900, 15.0907, -33.6680 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(142, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(142, 194, 211)  
}
```

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(142, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 194, 211) }
```

Border

The CSS property to change the border of an element to YUV 180.3900, 15.0907, -33.6680 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(142, 194, 211) }
```


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

```
.border{ border-color:rgb(142, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(142, 194,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 180.3900, 15.0907, -33.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 194, 211) }
```

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

```
.background{ background-color: rgb(142,  
194, 211) }
```

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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