

Converting Colors

YUV(188.7780, 13.4204,
-11.2063)

Have a look what the booklet for
YUV(188.7780, 13.4204, -11.2063)
contains.

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Color

**YUV(188.7780, 13.4204,
-11.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BED8
RGB	176, 190, 216
RGB Percent	69%, 75%, 85%
CMY	0.3098, 0.2549, 0.1529
CMYK	0.19, 0.12, 0.00, 0.15
HSL	219°, 34%, 77%
HSV	219°, 19%, 85%
XYZ	48.7126, 51.0149, 72.2452
YIQ	188.7780, -16.6900, 5.1180

Conversions

Conversions Part 2

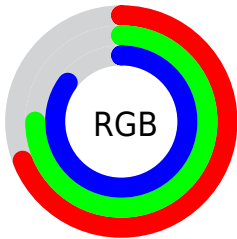
Format	Color
R_{YB}	176, 186, 216
Decimal	11583192
CIE _{Lab}	76.69, 0.62, -14.63
CIE _{LCh}	77, 14.646, 272.409
Yxy	51.0149, 0.2833, 0.2966
Android (android.graphics.Color)	4289773272 (0xFFB0BED8)
YUV	188.7780, 13.4204, -11.2063
Hunter-Lab	71.4247, -3.2538, -9.9738

Details

The YUV color **188.7780, 13.4204, -11.2063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203.2220, -13.4204, 11.2063**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8400, 5.9949, -9.5067**, and **135.5500, 12.5468, -11.0064** is the 20% darker color. If you saturate the color by 10%, you get **173.9820, 20.7149, -17.5242**, and if you desaturate by 10%, it is **203.5740, 6.1260, -4.8884**.

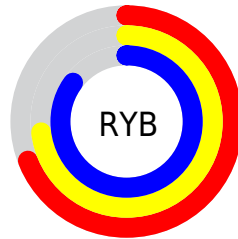
Distribution



Red (69%)

Green (75%)

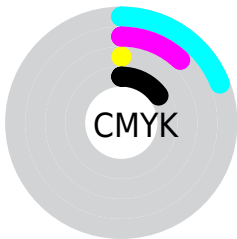
Blue (85%)



Red (69%)

Yellow (73%)

Blue (85%)

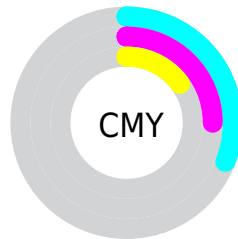


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7780, 13.4204, -11.2063 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 188.7780, 13.4204, -11.2063 by changing the saturation by 10% instead.

■ 188.7780, 13.4204,
-11.2063

■ 188.7780, 13.4204,
-11.2063

255.0000, 0.0000,
0.0000

■ 161.6640, 12.9836,
-11.1063

■ 242.8400, 5.9949,
-9.5067

■ 135.5500, 12.5468,
-11.0064

■ 109.8490, 12.3994,
-10.3916

■ 85.4360, 12.1101,
-10.9064

■ 62.2080, 11.2365,
-10.7064

■ 39.7950, 10.9471,
-11.2212

■ 18.9690, 10.3683,

-12.2508

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 188.7780, 13.4204,
-11.2063

■ 188.7780, 13.4204,
-11.2063

■ 173.9820, 20.7149,
-17.5242

■ 203.5740, 6.1260,
-4.8884

■ 159.4850, 27.8619,
-23.2273

■ 218.0710, -1.0210,
0.8147

■ 144.6890, 35.1563,
-29.5453

■ 232.8670, -8.3154,
7.1326

■ 130.1920, 42.3033,
-35.2484

■ 245.2710,
-14.4306, 8.5323

■ 115.3960, 49.5978,
-41.5663

■ 250.5540,
-17.0351, 3.8991

■ 100.6000, 56.8922,
-47.8842

■ 86.1030, 64.0392,
-53.5873

■ 71.3070, 71.3336,
-59.9052

■ 69.2360, 72.3547,
-60.7200

Harmonies

Analogous

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



186.2990, 13.1636, -22.1872



188.7780, 13.4204, -11.2063



190.4700, 10.6143, 2.2188

Triad

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



188.7780, 13.4204, -11.2063



191.3790, -8.0748, 23.3466



185.6470, -4.7560, -14.5994

Complementary

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



188.7780, 13.4204, -11.2063



203.2220, -13.4204, 11.2063

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.



187.2310, -10.4669, -2.8336



188.7780, 13.4204, -11.2063



190.0210, -11.8424, 18.3986

Square

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



188.7780, 13.4204, -11.2063



192.0890, -1.5229, 21.8469



188.9120, -13.2676, 8.8472



184.5410, 2.6913, -23.2765

Rectangle

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



188.7780, 13.4204, -11.2063



191.9010, 6.9508, 10.6108



188.9120, -13.2676, 8.8472



186.0990, -6.9508, -10.6108

Sweetspot

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



188.7780, 13.4204, -11.2063



244.6450, 5.1050, -4.0737



202.4440, -0.2189, -23.1914



121.7870, 3.0630, -2.4442



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.



188.7780, 13.4204, -11.2063



217.1240, 18.6729, -15.8947



182.3540, 16.5875, -0.3105



99.6020, 3.6472, -3.1590



54.7140, 57.3290, -47.9842



13.7070, 14.4414, -12.0210

Inverse Universe

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



189.5560, 0.2189, 23.1914



218.0240, 0.4812, 32.4280



209.6460, -16.5875, 0.3105



99.7450, 0.1257, 6.3626



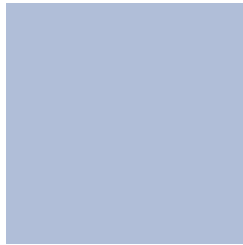
57.9690, 1.0013, 99.1282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 188.7780, 13.4204, -11.2063 looks on a white background.

Color Contrast Check

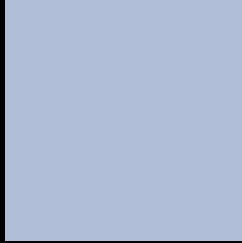
Large Text (above 18pt) WCAG AA × Fail

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 188.7780, 13.4204, -11.2063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

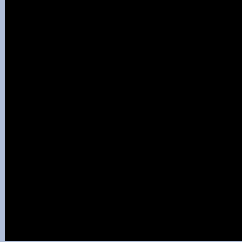
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.7780, 13.4204, -11.2063

Background



This preview shows how black text looks on a background with the YUV color 188.7780, 13.4204, -11.2063.



This preview shows how white text looks on a background with the YUV color 188.7780, 13.4204, -11.2063.

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

188.7780, 13.4204, -11.2063

Protanopia

190.0670, 11.7990, -4.4438

Deuteranopia

190.7520, 12.9403, 2.8485



Tritanopia

188.3280, 9.2053, -12.5657

Trichromacy



Original Color

188.7780, 13.4204, -11.2063

Protanomaly

189.8710, 12.3886, -6.9029

Deuteranomaly

189.8330, 13.3933, -2.4845

Tritanomaly

188.3820, 10.6577, -11.7360

Monochromacy



Original Color

188.7780, 13.4204, -11.2063

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.6450, 5.1050, -4.0737

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7780, 13.4204, -11.2063 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(176, 190, 216)` looks like.

```
.text, #text, p{  
    color:rgb(176, 190, 216)  
}
```

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(176, 190, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 190, 216) }
```

Border

The CSS property to change the border of an element to YUV 188.7780, 13.4204, -11.2063 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(176, 190, 216) }
```


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

```
.border{ border-color:rgb(176, 190, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 190, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 190, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 190, 216); box-shadow:4px 4px 4px 4px rgb(176, 190, 216) }
```

Background

The CSS property to change the background color of an element to YUV 188.7780, 13.4204, -11.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 190, 216) }
```

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

```
.background{ background-color: rgb(176,  
190, 216) }
```

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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