

Converting Colors

YUV(200.3190, 2.8007,
-11.6808)

Have a look what the booklet for
YUV(200.3190, 2.8007, -11.6808)
contains.

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Color

**YUV(200.3190, 2.8007,
-11.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCECE
RGB	187, 206, 206
RGB Percent	73%, 81%, 81%
CMY	0.2667, 0.1922, 0.1922
CMYK	0.09, 0.00, 0.00, 0.19
HSL	180°, 16%, 77%
HSV	180°, 9%, 81%
XYZ	53.7054, 59.1636, 66.9817
YIQ	200.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

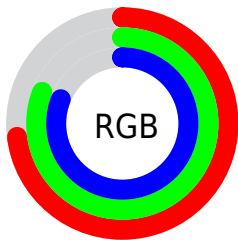
Format	Color
R _Y B	187, 197, 206
Decimal	12308174
CIE Lab	81.38, -6.39, -2.20
CIE LCh	81, 6.754, 198.987
Yxy	59.1636, 0.2986, 0.3290
Android (android.graphics.Color)	4290498254 (0xFFBBCECE)
YUV	200.3190, 2.8007, -11.6808
Hunter-Lab	76.9179, -9.9746, 2.2116

Details

The YUV color $200.3190, 2.8007, -11.6808$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.6810, -2.8007, 11.6808$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $146.6180, 2.6533, -11.0660$ is the 20% darker color. If you saturate the color by 10%, you get $194.0400, 5.8963, -24.5911$, and if you desaturate by 10%, it is $206.5980, -0.2948, 1.2296$.

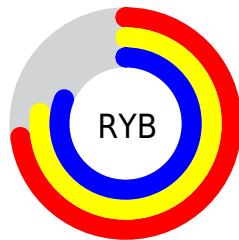
Distribution



Red (73%)

Green (81%)

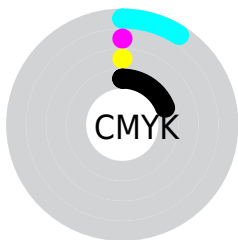
Blue (81%)



Red (73%)

Yellow (77%)

Blue (81%)

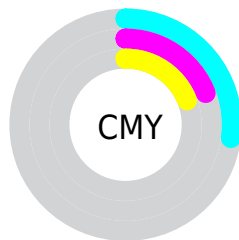


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3190, 2.8007, -11.6808 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 200.3190, 2.8007, -11.6808 by changing the saturation by 10% instead.

■ 200.3190, 2.8007,
-11.6808

■ 200.3190, 2.8007,
-11.6808

255.0000, 0.0000,
0.0000

■ 173.3190, 2.8007,
-11.6808

■ 251.4120, 1.7689,
-7.3773

■ 146.6180, 2.6533,
-11.0660

■ 120.6180, 2.6533,
-11.0660

■ 95.9170, 2.5059,
-10.4512

■ 72.2160, 2.3585,
-9.8364

■ 49.2160, 2.3585,
-9.8364

■ 28.5150, 2.2111,

-9.2217

■ 7.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 200.3190, 2.8007,
-11.6808

■ 200.3190, 2.8007,
-11.6808

■ 194.0400, 5.8963,
-24.5911

■ 206.5980, -0.2948,
1.2296

■ 188.0600, 8.8444,
-36.8866

■ 212.5780, -3.2430,
13.5251

■ 181.7810, 11.9400,
-49.7969

■ 218.8570, -6.3385,
26.4354

■ 175.8010, 14.8881,
-62.0925

■ 220.6510, -7.2229,
30.1241

■ 169.5220, 17.9837,
-75.0028

■ 163.2430, 21.0792,
-87.9131

■ 157.2630, 24.0273,
-100.2087

■ 150.9840, 27.1229,
-113.1190

■ 145.0040, 30.0710,
-125.4145

Harmonies

Analogous

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



200.5320, -0.2623, -9.2366



200.3190, 2.8007, -11.6808



200.6010, 5.1267, -11.0511

Triad

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



200.3190, 2.8007, -11.6808



203.0590, 3.9149, 4.3333



202.4370, -6.1314, 6.6328

Complementary

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



200.3190, 2.8007, -11.6808



192.6810, -2.8007, 11.6808

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.



203.1000, -4.9793, 10.4363



200.3190, 2.8007, -11.6808



203.5820, 0.6991, 9.1366

Square

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



200.3190, 2.8007, -11.6808



202.4820, 5.6784, -1.2997



203.3820, -2.6533, 11.0660



201.5180, -5.6784, 1.2997

Rectangle

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



200.3190, 2.8007, -11.6808



201.2530, 6.2843, -8.9919



203.3820, -2.6533, 11.0660



202.5620, -5.7001, 8.2771

Sweetspot

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



200.3190, 2.8007, -11.6808



252.6080, 1.1793, -4.9182



198.1530, -5.4984, -9.7812



126.2060, 0.8844, -3.6887



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.



200.3190, 2.8007, -11.6808



246.6280, 4.1274, -17.2138



194.4490, 5.6946, -6.5328



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Inverse Universe

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



194.8470, 5.4984, 9.7812



238.5640, 8.1029, 14.4144



197.9640, -5.4053, 7.0476



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 200.3190, 2.8007, -11.6808 looks on a white background.

Color Contrast Check

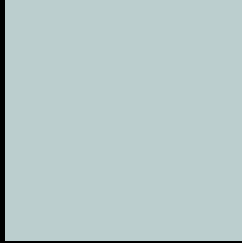
Large Text (above 18pt) WCAG AA × Fail

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 200.3190, 2.8007, -11.6808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

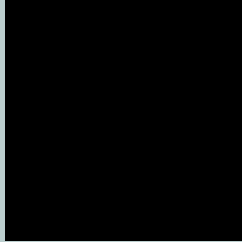
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

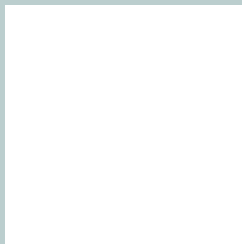
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.3190, 2.8007, -11.6808

Background



This preview shows how black text looks on a background with the YUV color 200.3190, 2.8007, -11.6808.



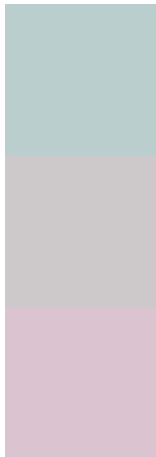
This preview shows how white text looks on a background with the YUV color 200.3190, 2.8007, -11.6808.

-11.6808.

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

200.3190, 2.8007, -11.6808

Protanopia

202.4240, 0.2840, 2.2592

Deuteranopia

204.2450, 1.8512, 12.9401



Tritanopia

201.3390, 9.1999, -10.8213

Trichromacy



Original Color

200.3190, 2.8007, -11.6808

Protanomaly

201.6190, 1.1738, -3.1739

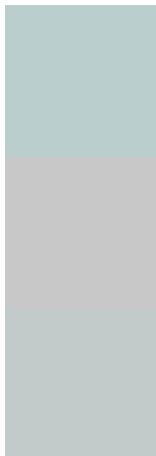
Deuteranomaly

202.8910, 2.0257, 3.6036

Tritanomaly

201.0570, 6.8739, -11.4510

Monochromacy



Original Color

200.3190, 2.8007, -11.6808

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3190, 2.8007, -11.6808 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(187, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 206)  
}
```

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(187, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 206) }
```

Border

The CSS property to change the border of an element to YUV 200.3190, 2.8007, -11.6808 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(187, 206, 206) }
```


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

```
.border{ border-color:rgb(187, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 200.3190, 2.8007, -11.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 206) }
```

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

```
.background{ background-color: rgb(187,  
206, 206) }
```

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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