

Converting Colors

YUV(211.2590, 3.8163,
-10.7511)

Have a look what the booklet for
YUV(211.2590, 3.8163, -10.7511)
contains.

YUV(211.2590, 3.8163, -10.7511)	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(211.2590, 3.8163,
-10.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D8DB
RGB	199, 216, 219
RGB Percent	78%, 85%, 86%
CMY	0.2196, 0.1529, 0.1412
CMYK	0.09, 0.01, 0.00, 0.14
HSL	189°, 22%, 82%
HSV	189°, 9%, 86%
XYZ	60.8952, 66.3683, 76.6187
YIQ	211.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

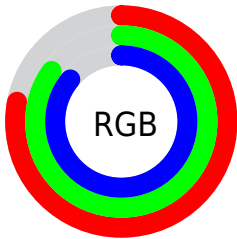
Format	Color
RYB	199, 208, 219
Decimal	13097179
CIELab	85.18, -5.10, -3.44
CIElCh	85, 6.147, 213.987
Yxy	66.3683, 0.2987, 0.3255
Android (android.graphics.Color)	4291287259 (0xFFC7D8DB)
YUV	211.2590, 3.8163, -10.7511
Hunter-Lab	81.4668, -9.1406, 1.2651

Details

The YUV color $211.2590, 3.8163, -10.7511$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.7410, -3.8163, 10.7511$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $156.5580, 3.6689, -10.1364$ is the 20% darker color. If you saturate the color by 10%, you get $202.9200, 7.9274, -22.7318$, and if you desaturate by 10%, it is $219.5980, -0.2948, 1.2296$.

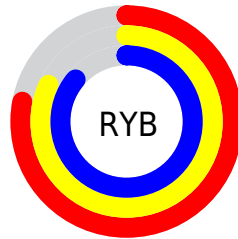
Distribution



Red (78%)

Green (85%)

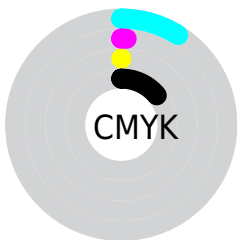
Blue (86%)



Red (78%)

Yellow (82%)

Blue (86%)

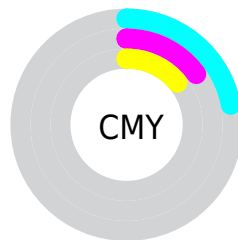


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.2590, 3.8163, -10.7511 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 211.2590, 3.8163, -10.7511 by changing the saturation by 10% instead.

■ 211.2590, 3.8163,
-10.7511

■ 211.2590, 3.8163,
-10.7511

255.0000, 0.0000,
0.0000

■ 183.5580, 3.6689,
-10.1364

■ 156.5580, 3.6689,
-10.1364

■ 130.5580, 3.6689,
-10.1364

■ 105.4440, 3.2321,
-10.0364

■ 81.1560, 3.3741,
-8.9068

■ 58.1560, 3.3741,
-8.9068

■ 36.4550, 3.2267,

-8.2920

■ 14.8460, 3.5269,
-11.2659

■ 0.0000, 0.0000,
0.0000

■ 211.2590, 3.8163,
-10.7511

■ 211.2590, 3.8163,
-10.7511

■ 202.9200, 7.9274,
-22.7318

■ 219.5980, -0.2948,
1.2296

■ 193.9940, 12.3280,
-34.1977

■ 228.5240, -4.6953,
12.6955

■ 185.6550, 16.4391,
-46.1784

■ 233.8730, -7.3324,
18.5284

■ 177.3160, 20.5502,
-58.1591

■ 235.6340, -8.2006,
16.9840

■ 169.2760, 24.5139,
-69.5251

■ 237.3950, -9.0687,
15.4396

■ 160.3500, 28.9145,
-80.9909

■ 239.7430,
-10.2263, 13.3804

■ 152.0110, 33.0256,
-92.9716

■ 241.5040,
-11.0945, 11.8360

■ 143.6720, 37.1367,
-104.9523

■ 243.2650,
-11.9626, 10.2916

■ 134.7460, 41.5372,
-116.4182

■ 245.6130,
-13.1202, 8.2324

Harmonies

Analogous

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



210.8740, 1.0481, -9.5365



211.2590, 3.8163, -10.7511



212.0250, 5.4107, -8.7919

Triad

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



211.2590, 3.8163, -10.7511



214.2010, 1.8729, 5.9627



212.8280, -5.8312, 3.6588

Complementary

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



211.2590, 3.8163, -10.7511



206.7410, -3.8163, 10.7511

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.



213.6760, -5.2633, 8.1771



211.2590, 3.8163, -10.7511



214.1260, -1.0481, 9.5365

Square

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



211.2590, 3.8163, -10.7511



213.4500, 4.2152, 1.3594



213.7410, -3.8163, 10.7511



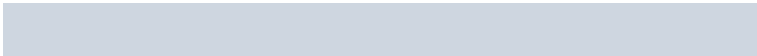
211.5500, -4.2151, -1.3593

Rectangle

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



211.2590, 3.8163, -10.7511



212.7480, 5.5472, -5.9180



213.7410, -3.8163, 10.7511



212.8390, -5.8366, 5.4032

Sweetspot

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



211.2590, 3.8163, -10.7511



252.0210, 1.4686, -4.4034



211.0820, -4.4774, -10.5959



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000



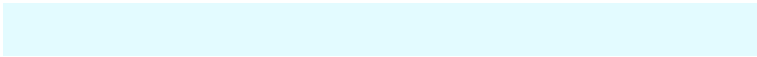
128.0000, 0.0000, 0.0000

Same Dimension

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



211.2590, 3.8163, -10.7511



244.2800, 5.2850, -15.1546



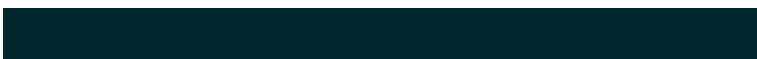
205.3890, 6.7102, -5.6032



105.5370, 2.2003, -5.7329



106.0110, 33.0256, -92.9716



28.1370, 8.8065, -24.6761

Inverse Universe

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



206.9180, 4.4774, 10.5959



238.1080, 6.3558, 14.8143



212.6110, -6.7102, 5.6032



103.3150, 2.3097, 5.8627



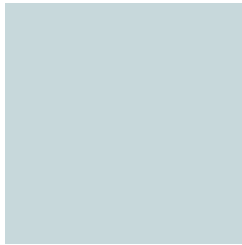
68.4850, 38.7079, 91.6597



18.2000, 10.2544, 24.3806

Previews

White Background



This preview shows how the YUV color 211.2590, 3.8163, -10.7511 looks on a white background.

Color Contrast Check

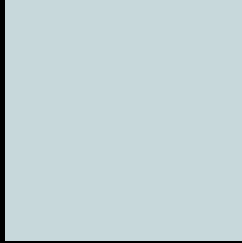
Large Text (above 18pt) WCAG AA × Fail

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 211.2590, 3.8163, -10.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

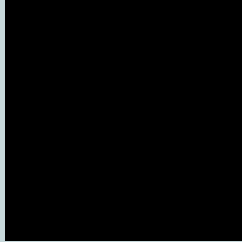
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

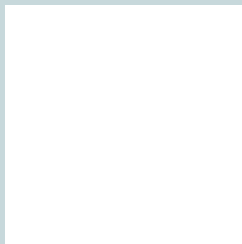
Any Text WCAG AAA ✓ Pass

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

YUV 211.2590, 3.8163, -10.7511 Background



This preview shows how black text looks on a background with the YUV color 211.2590, 3.8163, -10.7511.



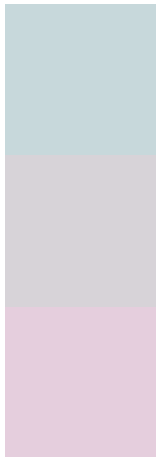
This preview shows how white text looks on a background with the YUV color 211.2590, 3.8163,

-10.7511.

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

211.2590, 3.8163, -10.7511

Protanopia

212.7660, 1.5944, 1.9592

Deuteranopia

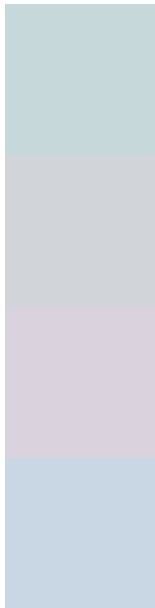
214.5870, 3.1616, 12.6402



Tritanopia

212.0510, 9.3419, -9.6917

Trichromacy



Original Color

211.2590, 3.8163, -10.7511

Protanomaly

212.2600, 2.3368, -2.8590

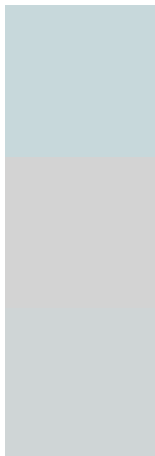
Deuteranomaly

213.5320, 3.1887, 3.9184

Tritanomaly

211.8830, 7.4527, -10.4214

Monochromacy



Original Color

211.2590, 3.8163, -10.7511

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.3200, 1.3212, -3.7886

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.2590, 3.8163, -10.7511 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(199, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 219)  
}
```

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(199, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 219) }
```

Border

The CSS property to change the border of an element to YUV 211.2590, 3.8163, -10.7511 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(199, 216, 219) }
```


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

```
.border{ border-color:rgb(199, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(199, 216,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 211.2590, 3.8163, -10.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 216, 219) }
```

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

```
.background{ background-color: rgb(199,  
216, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor