

Converting Colors

YUV(212.3810, 12.1372,
-19.6281)

Have a look what the booklet for
YUV(212.3810, 12.1372, -19.6281)
contains.

YUV(212.3810, 12.1372, -19.6281)	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(212.3810, 12.1372,
-19.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDBED
RGB	190, 219, 237
RGB Percent	75%, 86%, 93%
CMY	0.2549, 0.1412, 0.0706
CMYK	0.20, 0.08, 0.00, 0.07
HSL	203°, 57%, 84%
HSV	203°, 20%, 93%
XYZ	61.8528, 67.7246, 89.9329
YIQ	212.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

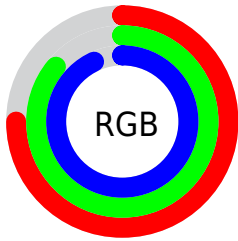
Format	Color
RYB	190, 208, 237
Decimal	12508141
CIELab	85.87, -5.80, -12.01
CIELCh	86, 13.342, 244.231
Yxy	67.7246, 0.2818, 0.3085
Android (android.graphics.Color)	4290698221 (0xFFBEDBED)
YUV	212.3810, 12.1372, -19.6281
Hunter-Lab	82.2950, -9.8558, -7.1864

Details

The YUV color $212.3810, 12.1372, -19.6281$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.6190, -12.1372, 19.6281$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $157.5660, 11.5530, -18.9134$ is the 20% darker color. If you saturate the color by 10%, you get $199.9220, 18.2795, -29.7496$, and if you desaturate by 10%, it is $224.8400, 5.9949, -9.5067$.

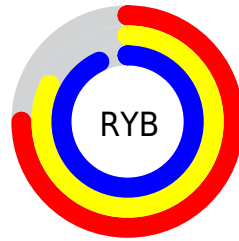
Distribution



Red (75%)

Green (86%)

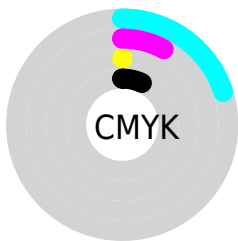
Blue (93%)



Red (75%)

Yellow (82%)

Blue (93%)

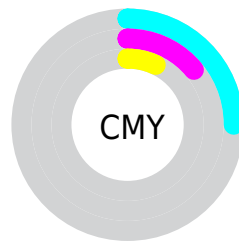


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3810, 12.1372, -19.6281 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 212.3810, 12.1372, -19.6281 by changing the saturation by 10% instead.

■ 212.3810, 12.1372,
-19.6281

■ 212.3810, 12.1372,
-19.6281

255.0000, 0.0000,
0.0000

■ 184.6800, 11.9898,
-19.0134

■ 252.6080, 1.1793,
-4.9182

■ 157.5660, 11.5530,
-18.9134

■ 131.4520, 11.1162,
-18.8134

■ 105.7510, 10.9688,
-18.1986

■ 81.6370, 10.5320,
-18.0986

■ 58.2240, 10.2426,
-18.6134

■ 35.5120, 10.1006,

-19.7430

■ 16.9040, 8.9213,
-14.8248

■ 1.3680, 5.2416,
-1.1997

■ 212.3810, 12.1372,
-19.6281

■ 212.3810, 12.1372,
-19.6281

■ 199.9220, 18.2795,
-29.7496

■ 224.8400, 5.9949,
-9.5067

■ 187.7620, 24.2743,
-39.2563

■ 237.0000, 0.0000,
0.0000

■ 175.3030, 30.4166,
-49.3777

■ 247.6650, -5.2578,
6.4328

■ 162.8440, 36.5589,
-59.4992

■ 252.9480, -7.8624,
1.7996

■ 150.3850, 42.7012,
-69.6206

■ 138.2250, 48.6961,
-79.1273

■ 125.1790, 55.1278,
-88.7340

■ 112.7200, 61.2700,
-98.8554

Harmonies

Analogous

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



211.0230, 8.3697, -24.5762



212.3810, 12.1372, -19.6281



214.5610, 12.5414, -9.2620

Triad

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



212.3810, 12.1372, -19.6281



217.2630, -2.1017, 20.8173



212.5730, -9.1565, -3.1335

Complementary

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



212.3810, 12.1372, -19.6281



214.6190, -12.1372, 19.6281

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.



213.9550, -11.8098, 7.9325



212.3810, 12.1372, -19.6281



216.4820, -7.6326, 21.5023

Square

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



212.3810, 12.1372, -19.6281



217.5270, 4.1772, 13.5698



215.4230, -11.5475, 17.1690



211.1740, -4.0298, -14.1846

Rectangle

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



212.3810, 12.1372, -19.6281



215.5620, 11.0619, -1.3699



215.4230, -11.5475, 17.1690



213.2530, -10.4777, 0.6551

Sweetspot

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



212.3810, 12.1372, -19.6281



246.9930, 3.9475, -6.1329



219.5270, -6.1758, -25.8952



122.9610, 2.4842, -3.4738



0.0000, 0.0000, 0.0000



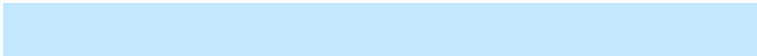
128.0000, 0.0000, 0.0000

Same Dimension

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



212.3810, 12.1372, -19.6281



223.2600, 15.6478, -25.6610



198.8800, 18.7932, -7.7878



111.3630, 2.7790, -4.7034



86.3780, 46.6486, -75.7535



25.5270, 14.0372, -22.3872

Inverse Universe

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



207.3590, 5.7390, 25.9952



216.5710, 7.6065, 33.7022



228.1200, -18.7932, 7.7878



110.0870, 1.4361, 6.0627



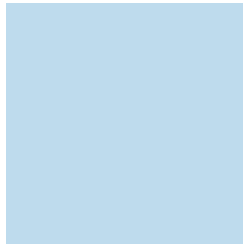
66.8870, 22.2407, 100.0771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 212.3810, 12.1372, -19.6281 looks on a white background.

Color Contrast Check

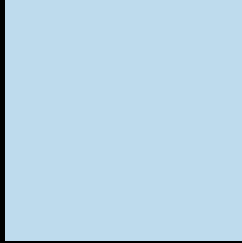
Large Text (above 18pt) WCAG AA × Fail

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 212.3810, 12.1372, -19.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

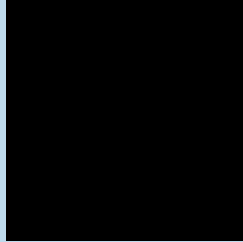
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

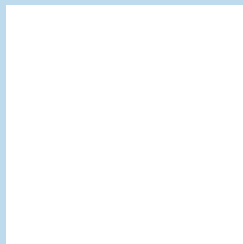
Any Text WCAG AAA ✓ Pass

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

YUV 212.3810, 12.1372, -19.6281 Background



This preview shows how black text looks on a background with the YUV color 212.3810, 12.1372, -19.6281.



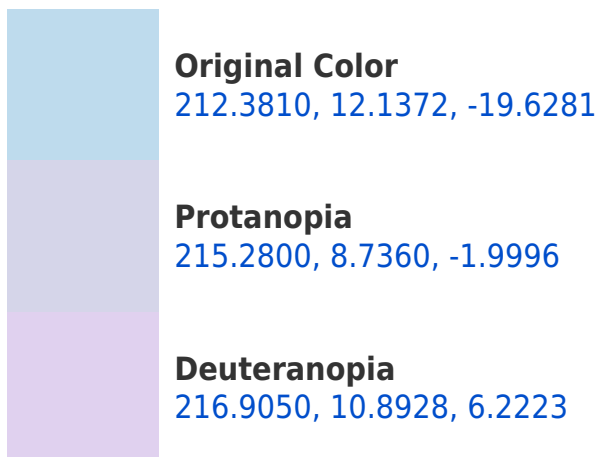
This preview shows how white text looks on a background with the YUV color 212.3810, 12.1372, -19.6281.

-19.6281.

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





Tritanopia

212.3810, 12.1372, -19.6281

Trichromacy



Original Color

212.3810, 12.1372, -19.6281

Protanomaly

214.1760, 9.7732, -8.0474

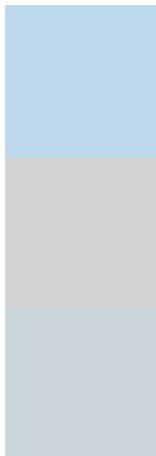
Deuteranomaly

215.5510, 11.0674, -3.1142

Tritanomaly

212.3810, 12.1372, -19.6281

Monochromacy



Original Color

212.3810, 12.1372, -19.6281

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.3950, 4.2423, -7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3810, 12.1372, -19.6281 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(190, 219, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 219, 237)  
}
```

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(190, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 219, 237) }
```

Border

The CSS property to change the border of an element to YUV 212.3810, 12.1372, -19.6281 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(190, 219, 237) }
```


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

```
.border{ border-color:rgb(190, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 219,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 212.3810, 12.1372, -19.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 219, 237) }
```

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

```
.background{ background-color: rgb(190,  
219, 237) }
```

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