

Converting Colors

YUV(206.8210, 14.8782,
-12.1210)

Have a look what the booklet for
YUV(206.8210, 14.8782, -12.1210)
contains.

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Color

**YUV(206.8210, 14.8782,
-12.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D0ED
RGB	193, 208, 237
RGB Percent	76%, 82%, 93%
CMY	0.2431, 0.1843, 0.0706
CMYK	0.19, 0.12, 0.00, 0.07
HSL	220°, 55%, 84%
HSV	220°, 19%, 93%
XYZ	59.8343, 62.5636, 89.0431
YIQ	206.8210, -18.2490, 5.8390

Conversions

Conversions Part 2

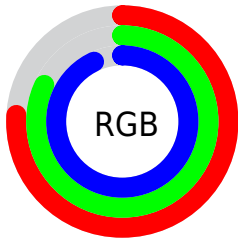
Format	Color
R _Y B	193, 204, 237
Decimal	12701933
CIE Lab	83.21, 0.88, -15.97
CIE LCh	83, 15.998, 273.166
Yxy	62.5636, 0.2830, 0.2959
Android (android.graphics.Color)	4290892013 (0xFFC1D0ED)
YUV	206.8210, 14.8782, -12.1210
Hunter-Lab	79.0972, -3.3910, -11.3773

Details

The YUV color $206.8210, 14.8782, -12.1210$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.1790, -14.8782, 12.1210$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $152.5930, 14.0047, -11.9211$ is the 20% darker color. If you saturate the color by 10%, you get $190.2530, 23.0463, -18.6389$, and if you desaturate by 10%, it is $223.3890, 6.7102, -5.6032$.

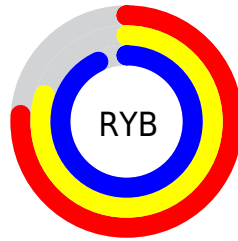
Distribution



Red (76%)

Green (82%)

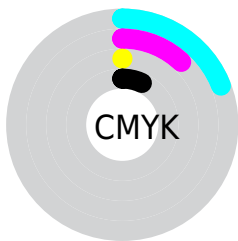
Blue (93%)



Red (76%)

Yellow (80%)

Blue (93%)

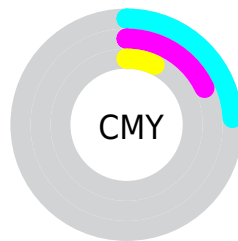


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.8210, 14.8782, -12.1210 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 206.8210, 14.8782, -12.1210 by changing the saturation by 10% instead.

■ 206.8210, 14.8782,
-12.1210

■ 206.8210, 14.8782,
-12.1210

255.0000, 0.0000,
0.0000

■ 179.1200, 14.7308,
-11.5062

■ 253.5050, 0.7370,
-3.0739

■ 152.5930, 14.0047,
-11.9211

■ 126.4790, 13.5679,
-11.8211

■ 101.3650, 13.1311,
-11.7211

■ 77.2510, 12.6943,
-11.6211

■ 54.1370, 12.2575,
-11.5211

■ 32.3110, 11.6787,

-12.5507

■ 11.6210, 11.5258,
-10.1916

■ 1.1400, 4.3680,
-0.9998

■ 206.8210, 14.8782,
-12.1210

■ 206.8210, 14.8782,
-12.1210

■ 190.2530, 23.0463,
-18.6389

■ 223.3890, 6.7102,
-5.6032

■ 174.5710, 30.7775,
-25.0568

■ 239.0710, -1.0210,
0.8147

■ 158.0030, 38.9455,
-31.5746

■ 252.9480, -7.8624,
1.7996

■ 142.0220, 46.8242,
-38.6073

■ 125.4540, 54.9922,
-45.1252

■ 109.1850, 63.0128,
-51.0282

■ 93.2040, 70.8914,
-58.0609

■ 76.6360, 79.0595,
-64.5788

■ 74.5650, 80.0805,
-65.3935

Harmonies

Analogous

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



204.6300, 14.4794, -24.2315



206.8210, 14.8782, -12.1210



208.9970, 11.3405, 2.6336

Triad

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



206.8210, 14.8782, -12.1210



209.4610, -9.1013, 25.9057



203.2230, -5.0399, -16.8586

Complementary

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



206.8210, 14.8782, -12.1210



223.1790, -14.8782, 12.1210

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.



204.7040, -11.1931, -3.2484



206.8210, 14.8782, -12.1210



208.5760, -13.5950, 20.5428

Square

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



206.8210, 14.8782, -12.1210



210.2850, -2.1125, 24.3061



206.8690, -14.7254, 9.7619



201.9320, 2.9915, -26.2504

Rectangle

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



206.8210, 14.8782, -12.1210



210.0260, 7.3822, 12.2552



206.8690, -14.7254, 9.7619



203.6750, -7.2348, -12.8700

Sweetspot

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



206.8210, 14.8782, -12.1210



244.6450, 5.1050, -4.0737



222.1340, -0.0661, -25.5505



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.



206.8210, 14.8782, -12.1210



216.5370, 18.9623, -15.3799



200.1090, 18.1873, -0.0956



109.6020, 3.6472, -3.1590



57.0280, 61.1182, -50.0136



16.7220, 18.3781, -14.6652

Inverse Universe

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



207.8660, 0.0661, 25.5505



217.9100, 0.0444, 32.5279



229.8910, -18.1873, 0.0956



109.7450, 0.1257, 6.3626



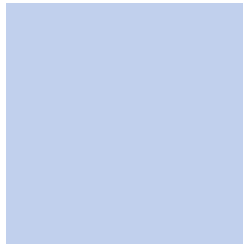
61.1870, 0.4008, 105.0760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 206.8210, 14.8782, -12.1210 looks on a white background.

Color Contrast Check

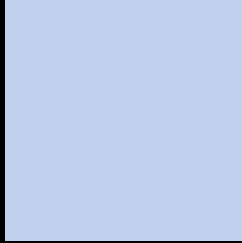
Large Text (above 18pt) WCAG AA × Fail

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 206.8210, 14.8782, -12.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

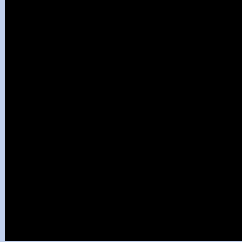
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.8210, 14.8782, -12.1210

Background



This preview shows how black text looks on a background with the YUV color 206.8210, 14.8782, -12.1210.



This preview shows how white text looks on a background with the YUV color 206.8210, 14.8782, -12.1210.

-12.1210.

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

206.8210, 14.8782, -12.1210

Protanopia

207.5230, 13.5462, -4.8437

Deuteranopia

209.0940, 14.2507, 2.5486



Tritanopia

206.1430, 9.7895, -13.2804

Trichromacy



Original Color

206.8210, 14.8782, -12.1210

Protanomaly

207.3270, 14.1358, -7.3028

Deuteranomaly

208.1750, 14.7037, -2.7845

Tritanomaly

206.3110, 11.6787, -12.5507

Monochromacy



Original Color

206.8210, 14.8782, -12.1210

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8210, 14.8782, -12.1210 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(193, 208, 237)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 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(193, 208, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 237) }
```

Border

The CSS property to change the border of an element to YUV 206.8210, 14.8782, -12.1210 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(193, 208, 237) }
```


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

```
.border{ border-color:rgb(193, 208, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 208, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 208, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 208, 237); box-shadow:4px 4px 4px 4px rgb(193, 208, 237) }
```

Background

The CSS property to change the background color of an element to YUV 206.8210, 14.8782, -12.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 237) }
```

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

```
.background{ background-color: rgb(193,  
208, 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](#).

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