

Converting Colors

YUV(204.1700, 12.2412,
-6.2881)

Have a look what the booklet for
YUV(204.1700, 12.2412, -6.2881)
contains.

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Color

**YUV(204.1700, 12.2412,
-6.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CBE5
RGB	197, 203, 229
RGB Percent	77%, 80%, 90%
CMY	0.2275, 0.2039, 0.1020
CMYK	0.14, 0.11, 0.00, 0.10
HSL	229°, 38%, 84%
HSV	229°, 14%, 90%
XYZ	58.5248, 60.2393, 82.6715
YIQ	204.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

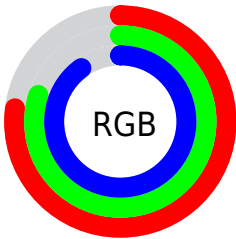
Format	Color
R _Y B	197, 202, 229
Decimal	12962789
CIE Lab	81.97, 3.10, -13.55
CIE LCh	82, 13.897, 282.878
Yxy	60.2393, 0.2905, 0.2991
Android (android.graphics.Color)	4291152869 (0xFFC5CBE5)
YUV	204.1700, 12.2412, -6.2881
Hunter-Lab	77.6140, -1.2268, -8.8237

Details

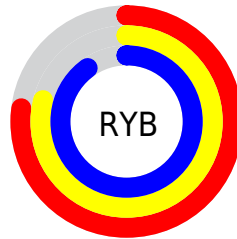
The YUV color $204.1700, 12.2412, -6.2881$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.8300, -12.2412, 6.2881$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $150.0560, 11.8044, -6.1881$ is the 20% darker color. If you saturate the color by 10%, you get $186.1400, 21.1300, -10.6468$, and if you desaturate by 10%, it is $222.2000, 3.3524, -1.9294$.

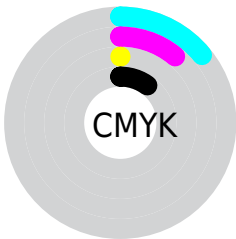
Distribution



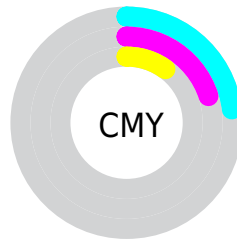
- Red (77%)
- Green (80%)
- Blue (90%)



- Red (77%)
- Yellow (79%)
- Blue (90%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1700, 12.2412, -6.2881 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 204.1700, 12.2412, -6.2881 by changing the saturation by 10% instead.

■ 204.1700, 12.2412,
-6.2881

■ 204.1700, 12.2412,
-6.2881

255.0000, 0.0000,
0.0000

■ 177.0560, 11.8044,
-6.1881

254.7010, 0.1474,
-0.6148

■ 150.0560, 11.8044,
-6.1881

■ 123.9420, 11.3676,
-6.0881

■ 98.8280, 10.9308,
-5.9882

■ 75.3010, 10.2046,
-6.4030

■ 52.6000, 10.0572,
-5.7882

■ 31.0730, 9.3310,

-6.2030

■ 6.8280, 10.9308,
-5.9882

■ 0.0000, 0.0000,
0.0000

■ 204.1700, 12.2412,
-6.2881

■ 204.1700, 12.2412,
-6.2881

■ 186.1400, 21.1300,
-10.6468

■ 222.2000, 3.3524,
-1.9294

■ 168.6970, 29.7294,
-15.5203

■ 239.6430, -5.2470,
2.9441

■ 150.6670, 38.6182,
-19.8790

■ 252.0360,
-11.3567, 2.5994

■ 133.2240, 47.2176,
-24.7524

■ 115.4930, 55.9590,
-28.4964

■ 97.4630, 64.8477,
-32.8551

■ 80.0200, 73.4471,
-37.7285

■ 61.9900, 82.3359,
-42.0872

■ 51.3470, 87.5829,
-45.0313

Harmonies

Analogous

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



201.9190, 12.8579, -17.4690



204.1700, 12.2412, -6.2881



205.9220, 8.4195, 6.2074

Triad

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



204.1700, 12.2412, -6.2881



205.7270, -9.2324, 21.2874



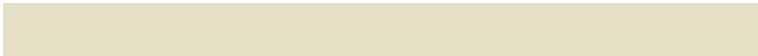
200.0210, -1.9824, -17.5584

Complementary

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



204.1700, 12.2412, -6.2881



221.8300, -12.2412, 6.2881

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.



201.3660, -8.5614, -7.3370



204.1700, 12.2412, -6.2881



204.1840, -12.4157, 15.6246

Square

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



204.1700, 12.2412, -6.2881



206.5190, -3.7069, 22.3468



203.1180, -12.3832, 5.1585



199.6980, 4.5859, -24.2911

Rectangle

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



204.1700, 12.2412, -6.2881



206.6410, 4.6140, 13.4698



203.1180, -12.3832, 5.1585



200.1740, -4.0298, -14.1846

Sweetspot

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



204.1700, 12.2412, -6.2881



247.3140, 3.7892, -2.0294



218.7480, 2.0962, -19.0730



122.3850, 2.7682, -1.2146



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.



204.1700, 12.2412, -6.2881



221.5980, 16.4672, -8.4174



203.6380, 12.5035, 2.9485



105.5420, 4.6628, -2.2293



39.7770, 68.6369, -34.8844



11.6840, 19.3828, -10.2469

Inverse Universe

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



207.2520, -2.0962, 19.0730



225.7690, -2.8441, 25.6356



222.3620, -12.5035, -2.9485



106.8160, -0.8953, 7.1774



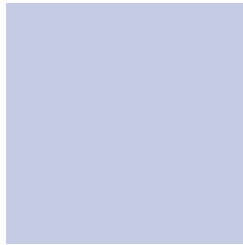
57.2830, -11.9715, 106.7458



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 204.1700, 12.2412, -6.2881 looks on a white background.

Color Contrast Check

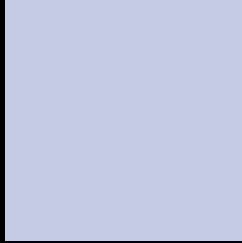
Large Text (above 18pt) WCAG AA × Fail

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 204.1700, 12.2412, -6.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

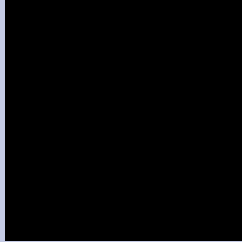
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.1700, 12.2412, -6.2881

Background



This preview shows how black text looks on a background with the YUV color 204.1700, 12.2412, -6.2881.



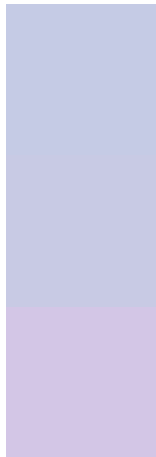
This preview shows how white text looks on a background with the YUV color 204.1700, 12.2412, -6.2881.

-6.2881.

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

204.1700, 12.2412, -6.2881

Protanopia

204.3660, 11.6516, -3.8290

Deuteranopia

205.5350, 12.0612, 4.7928



Tritanopia

203.5460, 8.6048, -6.6178

Trichromacy



Original Color

204.1700, 12.2412, -6.2881

Protanomaly

204.0670, 11.7990, -4.4438

Deuteranomaly

205.2140, 12.2195, 0.6893

Tritanomaly

203.8880, 9.9152, -6.9178

Monochromacy



Original Color

204.1700, 12.2412, -6.2881

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1700, 12.2412, -6.2881 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(197, 203, 229)` looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 229)  
}
```

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(197, 203, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 229) }
```

Border

The CSS property to change the border of an element to YUV 204.1700, 12.2412, -6.2881 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(197, 203, 229) }
```


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

```
.border{ border-color:rgb(197, 203, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 203, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 203, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 203, 229);  
box-shadow:4px 4px 4px 4px rgb(197, 203,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 204.1700, 12.2412, -6.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 229) }
```

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

```
.background{ background-color: rgb(197,  
203, 229) }
```

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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