

Converting Colors

YUV(204.5720, 12.5360,
-7.5176)

Have a look what the booklet for
YUV(204.5720, 12.5360, -7.5176)
contains.

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Color

**YUV(204.5720, 12.5360,
-7.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CCE6
RGB	196, 204, 230
RGB Percent	77%, 80%, 90%
CMY	0.2314, 0.2000, 0.0980
CMYK	0.15, 0.11, 0.00, 0.10
HSL	226°, 40%, 84%
HSV	226°, 15%, 90%
XYZ	58.6407, 60.6347, 83.4759
YIQ	204.5720, -13.1140, 6.3900

Conversions

Conversions Part 2

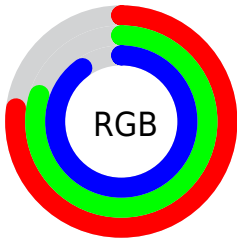
Format	Color
R _Y B	196, 202, 230
Decimal	12897510
CIE Lab	82.18, 2.46, -13.77
CIE LCh	82, 13.986, 280.115
Yxy	60.6347, 0.2892, 0.2991
Android (android.graphics.Color)	4291087590 (0xFFC4CCE6)
YUV	204.5720, 12.5360, -7.5176
Hunter-Lab	77.8683, -1.8453, -9.0519

Details

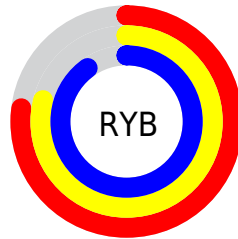
The YUV color $204.5720, 12.5360, -7.5176$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.4280, -12.5360, 7.5176$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $150.3440, 11.6624, -7.3177$ is the 20% darker color. If you saturate the color by 10%, you get $187.1290, 21.1354, -12.3911$, and if you desaturate by 10%, it is $222.0150, 3.9366, -2.6442$.

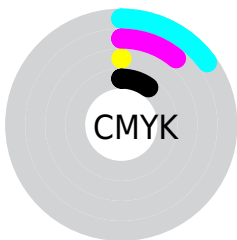
Distribution



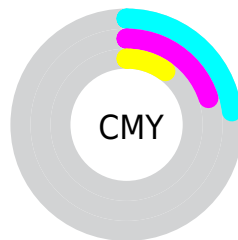
- Red (77%)
- Green (80%)
- Blue (90%)



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



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5720, 12.5360, -7.5176 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 204.5720, 12.5360, -7.5176 by changing the saturation by 10% instead.

■ 204.5720, 12.5360,
-7.5176

■ 204.5720, 12.5360,
-7.5176

255.0000, 0.0000,
0.0000

■ 177.4580, 12.0992,
-7.4177

254.4020, 0.2948,
-1.2296

■ 150.3440, 11.6624,
-7.3177

■ 124.3440, 11.6624,
-7.3177

■ 99.2300, 11.2256,
-7.2177

■ 75.1160, 10.7888,
-7.1177

■ 52.8880, 9.9152,
-6.9178

■ 31.4750, 9.6258,

-7.4326

■ 7.5290, 11.0782,
-6.6029

■ 0.1140, 0.4368,
-0.1000

■ 204.5720, 12.5360,
-7.5176

■ 204.5720, 12.5360,
-7.5176

■ 187.1290, 21.1354,
-12.3911

■ 222.0150, 3.9366,
-2.6442

■ 170.2730, 29.4454,
-17.7794

■ 238.8710, -4.3734,
2.7441

■ 152.8300, 38.0448,
-22.6529

■ 252.1500,
-10.9200, 2.4994

■ 135.9740, 46.3548,
-28.0412

■ 118.5310, 54.9542,
-32.9147

■ 101.0880, 63.5536,
-37.7882

■ 84.2320, 71.8636,
-43.1765

■ 66.7890, 80.4630,
-48.0500

■ 57.9180, 84.8364,
-50.7941

Harmonies

Analogous

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



202.3210, 13.1527, -18.6985



204.5720, 12.5360, -7.5176



206.3240, 8.7143, 4.9779

Triad

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



204.5720, 12.5360, -7.5176



206.1400, -8.9430, 21.8022



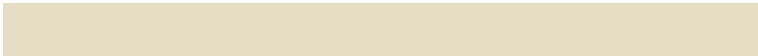
200.2060, -2.5666, -16.8437

Complementary

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



204.5720, 12.5360, -7.5176



221.4280, -12.5360, 7.5176

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.



201.9640, -8.8563, -6.1074



204.5720, 12.5360, -7.5176



205.1840, -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.



204.5720, 12.5360, -7.5176



207.2200, -3.5595, 21.7321



203.8300, -12.2412, 6.2881



199.8830, 4.0017, -23.5764

Rectangle

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



204.5720, 12.5360, -7.5176



206.8690, 5.4876, 13.2699



203.8300, -12.2412, 6.2881



201.2450, -5.0508, -13.3699

Sweetspot

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



204.5720, 12.5360, -7.5176



247.3140, 3.7892, -2.0294



218.9220, 1.5175, -20.1026



122.9720, 2.4788, -1.7294



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.



204.5720, 12.5360, -7.5176



220.7010, 16.9094, -10.2618



202.5670, 13.5245, 2.1337



106.1290, 4.3734, -2.7441



45.0600, 66.0324, -39.5176



12.8580, 18.8040, -11.2765

Inverse Universe

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



207.0780, -1.5175, 20.1026



224.0080, -1.9759, 27.1800



223.7320, -13.6719, -1.5190



106.9300, -0.4585, 7.0774



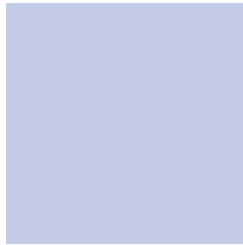
58.3090, -8.0403, 105.8460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 204.5720, 12.5360, -7.5176 looks on a white background.

Color Contrast Check

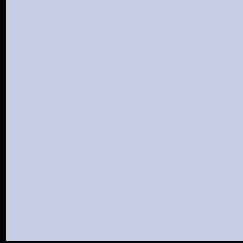
Large Text (above 18pt) WCAG AA × Fail

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 204.5720, 12.5360, -7.5176 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 204.5720, 12.5360, -7.5176

Background



This preview shows how black text looks on a background with the YUV color 204.5720, 12.5360, -7.5176.



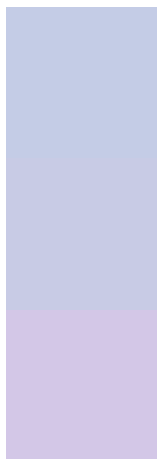
This preview shows how white text looks on a background with the YUV color 204.5720, 12.5360, -7.5176.

-7.5176.

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

204.5720, 12.5360, -7.5176

Protanopia

205.0670, 11.7990, -4.4438

Deuteranopia

206.2360, 12.2087, 4.1780



Tritanopia

203.9480, 8.8996, -7.8474

Trichromacy



Original Color

204.5720, 12.5360, -7.5176

Protanomaly

204.7680, 11.9464, -5.0585

Deuteranomaly

205.9150, 12.3669, 0.0745

Tritanomaly

204.2900, 10.2100, -8.1473

Monochromacy



Original Color

204.5720, 12.5360, -7.5176

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5720, 12.5360, -7.5176 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(196, 204, 230)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 230)  
}
```

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(196, 204, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 230) }
```

Border

The CSS property to change the border of an element to YUV 204.5720, 12.5360, -7.5176 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(196, 204, 230) }
```


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

```
.border{ border-color:rgb(196, 204, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 230);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 204.5720, 12.5360, -7.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 230) }
```

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

```
.background{ background-color: rgb(196,  
204, 230) }
```

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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