

Converting Colors

YUV(212.7580, 7.0213,
-12.0658)

Have a look what the booklet for
YUV(212.7580, 7.0213, -12.0658)
contains.

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Color

**YUV(212.7580, 7.0213,
-12.0658)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D9E3
RGB	199, 217, 227
RGB Percent	78%, 85%, 89%
CMY	0.2196, 0.1490, 0.1098
CMYK	0.12, 0.04, 0.00, 0.11
HSL	201°, 33%, 84%
HSV	201°, 12%, 89%
XYZ	62.2312, 67.3139, 82.3860
YIQ	212.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

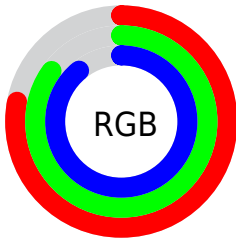
Format	Color
R _Y B	199, 210, 227
Decimal	13097443
CIE Lab	85.66, -4.03, -6.97
CIE LCh	86, 8.049, 239.961
Yxy	67.3139, 0.2936, 0.3176
Android (android.graphics.Color)	4291287523 (0xFFC7D9E3)
YUV	212.7580, 7.0213, -12.0658
Hunter-Lab	82.0450, -8.1865, -2.1049

Details

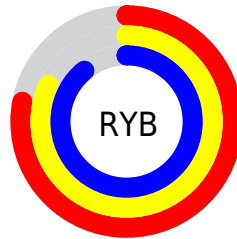
The YUV color $212.7580, 7.0213, -12.0658$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.2420, -7.0213, 12.0658$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.0570, 6.8739, -11.4510$ is the 20% darker color. If you saturate the color by 10%, you get $201.1850, 12.7268, -22.0872$, and if you desaturate by 10%, it is $224.3310, 1.3158, -2.0443$.

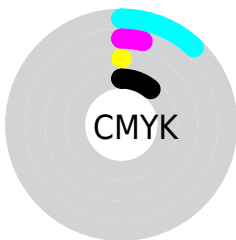
Distribution



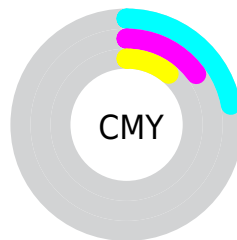
- Red (78%)
- Green (85%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7580, 7.0213, -12.0658 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 212.7580, 7.0213, -12.0658 by changing the saturation by 10% instead.

■ 212.7580, 7.0213,
-12.0658

■ 212.7580, 7.0213,
-12.0658

255.0000, 0.0000,
0.0000

■ 185.0570, 6.8739,
-11.4510

■ 158.0570, 6.8739,
-11.4510

■ 131.9430, 6.4371,
-11.3510

■ 106.8290, 6.0003,
-11.2510

■ 82.2420, 6.2897,
-10.7362

■ 59.1280, 5.8529,
-10.6363

■ 37.4270, 5.7055,

-10.0215

■ 16.1170, 5.8583,
-12.3806

■ 0.0000, 0.0000,
0.0000

■ 212.7580, 7.0213,
-12.0658

■ 212.7580, 7.0213,
-12.0658

■ 201.1850, 12.7268,
-22.0872

■ 224.3310, 1.3158,
-2.0443

■ 189.9110, 18.2849,
-31.4939

■ 235.6050, -4.2423,
7.3624

■ 178.3380, 23.9904,
-41.5154

■ 243.5900, -8.1789,
10.0066

■ 166.7650, 29.6959,
-51.5369

■ 248.2860,
-10.4940, 5.8882

■ 154.9040, 35.5433,
-60.4288

■ 251.8080,
-12.2303, 2.7994

■ 143.3310, 41.2488,
-70.4503

■ 131.7580, 46.9543,
-80.4718

■ 120.1850, 52.6598,
-90.4932

■ 111.5800, 56.9021,
-97.8557

Harmonies

Analogous

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



211.7640, 4.5533, -13.8250



212.7580, 7.0213, -12.0658



213.9050, 7.4418, -6.9327

Triad

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



212.7580, 7.0213, -12.0658



215.8490, -0.9116, 12.4104



213.0940, -5.9623, -0.9594

Complementary

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



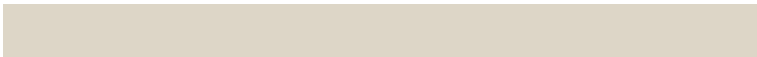
212.7580, 7.0213, -12.0658



213.2420, -7.0213, 12.0658

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.



214.3830, -7.5838, 5.8031



212.7580, 7.0213, -12.0658



215.9370, -4.4059, 13.2103

Square

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



212.7580, 7.0213, -12.0658



215.5540, 3.1779, 7.4071



214.9430, -6.8739, 11.4510



212.1470, -3.0305, -8.0219

Rectangle

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



212.7580, 7.0213, -12.0658



214.7100, 6.5520, -1.4997



214.9430, -6.8739, 11.4510



213.2900, -6.5520, 1.4997

Sweetspot

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



212.7580, 7.0213, -12.0658



249.6620, 2.6316, -4.0886



216.5760, -3.7350, -15.4142



124.1460, 1.9000, -2.7590



0.0000, 0.0000, 0.0000



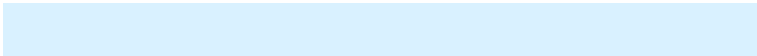
128.0000, 0.0000, 0.0000

Same Dimension

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



212.7580, 7.0213, -12.0658



235.4200, 9.6529, -16.1543



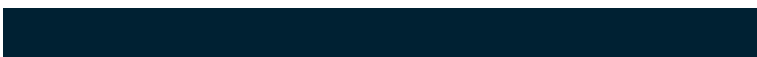
204.5400, 11.0728, -4.8586



109.0640, 2.9264, -5.3181



87.9110, 44.9069, -77.0979



25.1850, 12.7268, -22.0872

Inverse Universe

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



209.4240, 3.7350, 15.4142



231.0980, 4.8817, 20.9621



221.4600, -11.0728, 4.8586



107.5000, 1.7255, 6.5775



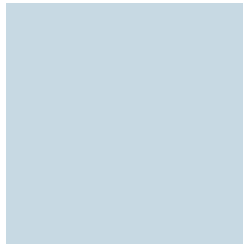
66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 212.7580, 7.0213, -12.0658 looks on a white background.

Color Contrast Check

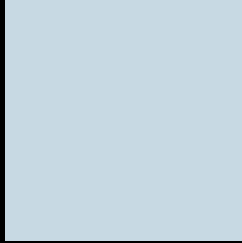
Large Text (above 18pt) WCAG AA × Fail

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 212.7580, 7.0213, -12.0658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

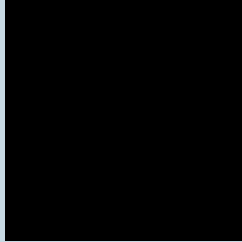
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

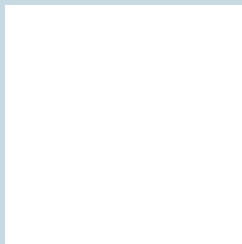
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.7580, 7.0213, -12.0658

Background



This preview shows how black text looks on a background with the YUV color 212.7580, 7.0213, -12.0658.



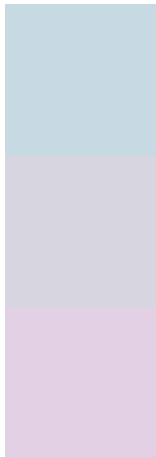
This preview shows how white text looks on a background with the YUV color 212.7580, 7.0213, -12.0658.

-12.0658.

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

212.7580, 7.0213, -12.0658

Protanopia

214.8520, 4.5100, 0.1298

Deuteranopia

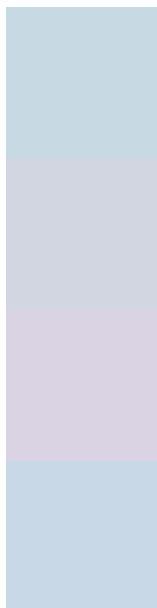
216.3740, 6.2246, 10.1960



Tritanopia

213.1540, 9.7841, -11.5361

Trichromacy



Original Color

212.7580, 7.0213, -12.0658

Protanomaly

213.7590, 5.5418, -4.1736

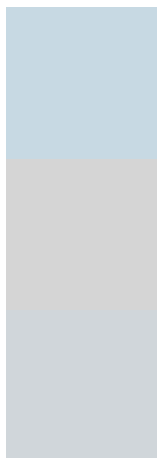
Deuteranomaly

214.7320, 6.5411, 1.9890

Tritanomaly

212.9260, 8.9105, -11.3361

Monochromacy



Original Color

212.7580, 7.0213, -12.0658

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7580, 7.0213, -12.0658 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, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 227)  
}
```

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, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 227) }
```

Border

The CSS property to change the border of an element to YUV 212.7580, 7.0213, -12.0658 is called "border". The border property can be set on classes, ids or directly on the HTML element.

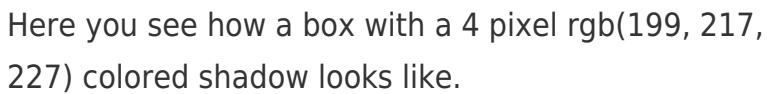
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 217, 227) }
```


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

```
.border{ border-color:rgb(199, 217, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 217, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 217, 227); box-shadow:4px 4px 4px 4px rgb(199, 217, 227) }
```

Background

The CSS property to change the background color of an element to YUV 212.7580, 7.0213, -12.0658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 227) }
```

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

```
.background{ background-color: rgb(199,  
217, 227) }
```

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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