

Converting Colors

YUV(213.9820, 3.9529, -7.8772)

Have a look what the booklet for
YUV(213.9820, 3.9529, -7.8772)
contains.

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Color

**YUV(213.9820, 3.9529,
-7.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD9DE
RGB	205, 217, 222
RGB Percent	80%, 85%, 87%
CMY	0.1961, 0.1490, 0.1294
CMYK	0.08, 0.02, 0.00, 0.13
HSL	198°, 20%, 84%
HSV	198°, 8%, 87%
XYZ	63.1745, 67.8788, 78.8795
YIQ	213.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

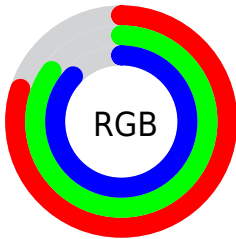
Format	Color
R _Y B	205, 212, 222
Decimal	13490654
CIE Lab	85.95, -3.07, -3.86
CIE LCh	86, 4.928, 231.483
Yxy	67.8788, 0.3009, 0.3233
Android (android.graphics.Color)	4291680734 (0xFFCDD9DE)
YUV	213.9820, 3.9529, -7.8772
Hunter-Lab	82.3886, -7.3085, 0.9073

Details

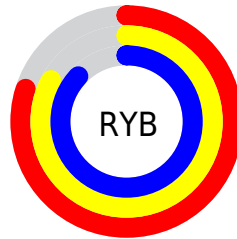
The YUV color $213.9820, 3.9529, -7.8772$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.0180, -3.9529, 7.8772$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.2810, 3.8055, -7.2624$ is the 20% darker color. If you saturate the color by 10%, you get $203.2950, 9.2216, -17.7987$, and if you desaturate by 10%, it is $224.6690, -1.3158, 2.0443$.

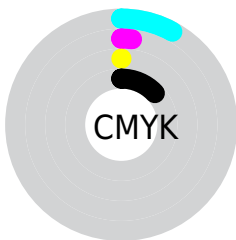
Distribution



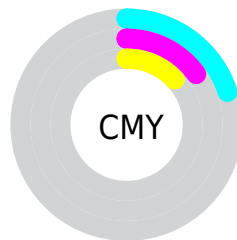
- Red (80%)
- Green (85%)
- Blue (87%)



- Red (80%)
- Yellow (83%)
- Blue (87%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.9820, 3.9529, -7.8772 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 213.9820, 3.9529, -7.8772 by changing the saturation by 10% instead.

■ 213.9820, 3.9529,
-7.8772

■ 213.9820, 3.9529,
-7.8772

255.0000, 0.0000,
0.0000

■ 186.2810, 3.8055,
-7.2624

■ 159.2810, 3.8055,
-7.2624

■ 133.2810, 3.8055,
-7.2624

■ 108.1670, 3.3687,
-7.1625

■ 83.5800, 3.6581,
-6.6477

■ 60.4660, 3.2213,
-6.5477

■ 38.7650, 3.0739,

-5.9329

■ 17.7540, 3.0793,
-7.6773

■ 0.0000, 0.0000,
0.0000

■ 213.9820, 3.9529,
-7.8772

■ 213.9820, 3.9529,
-7.8772

■ 203.2950, 9.2216,
-17.7987

■ 224.6690, -1.3158,
2.0443

■ 193.1950, 14.2009,
-28.2350

■ 234.7690, -6.2951,
12.4806

■ 182.2090, 19.6170,
-38.7713

■ 240.6720, -9.2053,
12.5657

■ 172.1090, 24.5963,
-49.2076

■ 244.1940,
-10.9416, 9.4769

■ 161.4220, 29.8650,
-59.1291

■ 248.3030,
-12.9674, 5.8733

■ 151.3220, 34.8443,
-69.5654

■ 251.2380,
-14.4143, 3.2993

■ 140.6350, 40.1129,
-79.4869

■ 130.2360, 45.2397,
-90.5380

■ 119.5490, 50.5083,
-100.4595

Harmonies

Analogous

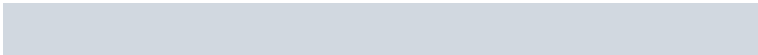
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.8140, 2.0637, -8.6069



213.9820, 3.9529, -7.8772



214.8190, 4.5262, -5.1033

Triad

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



213.9820, 3.9529, -7.8772



216.0440, -0.0217, 6.9774



214.5610, -4.2206, 0.3850

Complementary

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



213.9820, 3.9529, -7.8772



213.0180, -3.9529, 7.8772

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.



214.8820, -4.3788, 4.4885



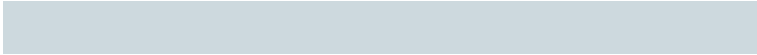
213.9820, 3.9529, -7.8772



215.8870, -1.9163, 7.9921

Square

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



213.9820, 3.9529, -7.8772



216.0050, 2.4625, 3.5036



215.7190, -3.8055, 7.2624



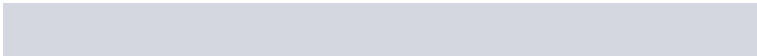
213.9950, -2.4625, -3.5036

Rectangle

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



213.9820, 3.9529, -7.8772



215.1290, 4.3734, -2.7441



215.7190, -3.8055, 7.2624



214.5720, -4.2260, 2.1294

Sweetspot

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



213.9820, 3.9529, -7.8772



252.9180, 1.0264, -2.5591



215.5490, -2.7357, -9.2515



126.5160, 0.7316, -1.3295



0.0000, 0.0000, 0.0000



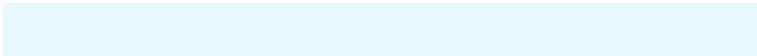
128.0000, 0.0000, 0.0000

Same Dimension

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



213.9820, 3.9529, -7.8772



244.0140, 5.4161, -10.5363



209.2860, 6.2680, -3.7588



106.9500, 2.4897, -5.2181



92.8520, 40.9920, -81.4312



25.4300, 11.1270, -22.3021

Inverse Universe

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



211.4510, 2.7357, 9.2515



240.7010, 3.5984, 12.5402



217.7140, -6.2680, 3.7588



105.2010, 1.8729, 5.9627



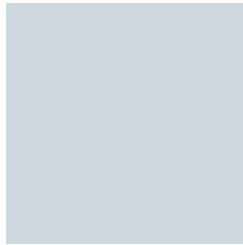
66.7600, 28.2193, 95.8035



18.2280, 7.7756, 26.1100

Previews

White Background



This preview shows how the YUV color 213.9820, 3.9529, -7.8772 looks on a white background.

Color Contrast Check

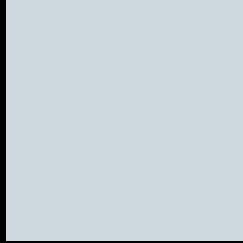
Large Text (above 18pt) WCAG AA × Fail

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 213.9820, 3.9529, -7.8772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

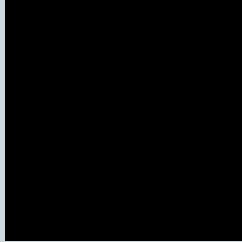
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

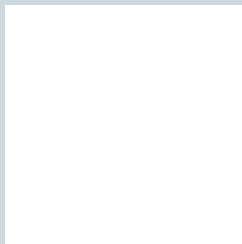
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.9820, 3.9529, -7.8772

Background



This preview shows how black text looks on a background with the YUV color 213.9820, 3.9529, -7.8772.



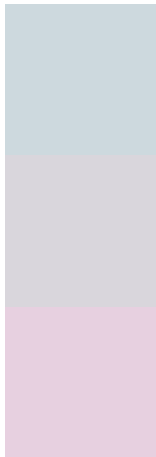
This preview shows how white text looks on a background with the YUV color 213.9820, 3.9529, -7.8772.

-7.8772.

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

213.9820, 3.9529, -7.8772

Protanopia

215.5810, 2.1786, 1.2445

Deuteranopia

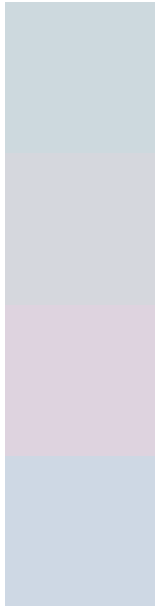
216.7010, 3.5984, 12.5402



Tritanopia

214.5460, 8.6048, -6.6178

Trichromacy



Original Color

213.9820, 3.9529, -7.8772

Protanomaly

215.0860, 2.9156, -1.8294

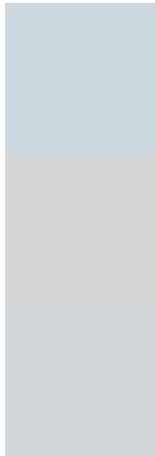
Deuteranomaly

215.6570, 3.6201, 5.5628

Tritanomaly

214.3780, 6.7156, -7.3475

Monochromacy



Original Color

213.9820, 3.9529, -7.8772

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9820, 3.9529, -7.8772 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(205, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(205, 217, 222)  
}
```

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(205, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 217, 222) }
```

Border

The CSS property to change the border of an element to YUV 213.9820, 3.9529, -7.8772 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(205, 217, 222) }
```


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

```
.border{ border-color:rgb(205, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(205, 217,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 213.9820, 3.9529, -7.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 217, 222) }
```

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

```
.background{ background-color: rgb(205,  
217, 222) }
```

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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