

Converting Colors

YUV(213.9520, 12.8417,
-12.2359)

Have a look what the booklet for
YUV(213.9520, 12.8417, -12.2359)
contains.

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Color

**YUV(213.9520, 12.8417,
-12.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D8F0
RGB	200, 216, 240
RGB Percent	78%, 85%, 94%
CMY	0.2157, 0.1529, 0.0588
CMYK	0.17, 0.10, 0.00, 0.06
HSL	216°, 57%, 86%
HSV	216°, 17%, 94%
XYZ	64.1035, 67.6824, 92.1235
YIQ	213.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

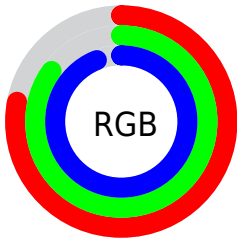
Format	Color
R _Y B	200, 211, 240
Decimal	13162736
CIE Lab	85.85, -0.52, -13.56
CIE LCh	86, 13.573, 267.821
Yxy	67.6824, 0.2863, 0.3023
Android (android.graphics.Color)	4291352816 (0xFFC8D8F0)
YUV	213.9520, 12.8417, -12.2359
Hunter-Lab	82.2693, -4.8857, -8.8032

Details

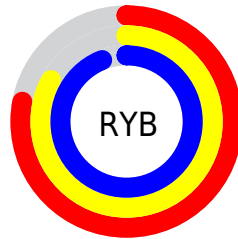
The YUV color `213.9520, 12.8417, -12.2359` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `226.0480, -12.8417, 12.2359`, and the grayscale version is `214.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `159.1370, 12.2575, -11.5211` is the 20% darker color. If you saturate the color by 10%, you get `198.5580, 20.4309, -19.7834`, and if you desaturate by 10%, it is `229.3460, 5.2524, -4.6884`.

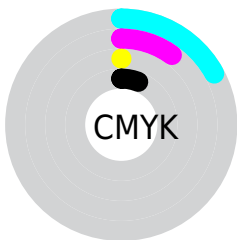
Distribution



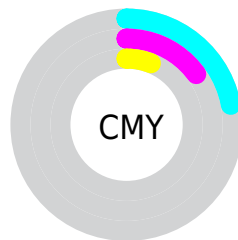
- Red (78%)
- Green (85%)
- Blue (94%)



- Red (78%)
- Yellow (83%)
- Blue (94%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.9520, 12.8417, -12.2359 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 213.9520, 12.8417, -12.2359 by changing the saturation by 10% instead.

■ 213.9520, 12.8417,
-12.2359

■ 213.9520, 12.8417,
-12.2359

255.0000, 0.0000,
0.0000

■ 185.9520, 12.8417,
-12.2359

■ 159.1370, 12.2575,
-11.5211

■ 133.0230, 11.8207,
-11.4212

■ 107.9090, 11.3839,
-11.3212

■ 83.4960, 11.0945,
-11.8360

■ 59.7950, 10.9471,
-11.2212

■ 38.2680, 10.2209,

-11.6360

■ 16.2570, 10.2263,
-13.3804

■ 2.2970, 6.2626,
-2.0145

■ 213.9520, 12.8417,
-12.2359

■ 213.9520, 12.8417,
-12.2359

■ 198.5580, 20.4309,
-19.7834

■ 229.3460, 5.2524,
-4.6884

■ 182.5770, 28.3095,
-26.8160

■ 245.3270, -2.6262,
2.3442

■ 167.1830, 35.8988,
-34.3635

■ 253.2900, -6.5520,
1.4997

■ 151.2020, 43.7774,
-41.3962

■ 135.8080, 51.3667,
-48.9436

■ 120.4140, 58.9559,
-56.4911

■ 104.4330, 66.8345,
-63.5237

■ 89.0390, 74.4238,
-71.0712

■ 83.7120, 77.0500,
-73.4154

Harmonies

Analogous

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



211.9570, 11.8532, -21.8873



213.9520, 12.8417, -12.2359



216.0460, 10.3303, -0.0403

Triad

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



213.9520, 12.8417, -12.2359



217.0090, -6.9064, 21.9171



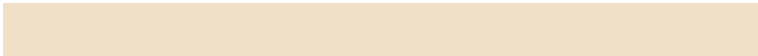
211.5440, -5.1982, -12.7551

Complementary

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



213.9520, 12.8417, -12.2359



226.0480, -12.8417, 12.2359

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.



213.2420, -10.4723, -1.0892



213.9520, 12.8417, -12.2359



215.5480, -11.1162, 18.8134

Square

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



213.9520, 12.8417, -12.2359



217.3060, -0.6439, 19.9026



214.1510, -12.3994, 10.3916



210.2100, 1.3755, -21.2322

Rectangle

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



213.9520, 12.8417, -12.2359



216.7050, 7.5404, 8.1517



214.1510, -12.3994, 10.3916



211.9960, -7.3930, -8.7665

Sweetspot

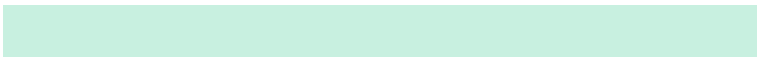
The Sweet Spot groups the original color and five complimentary colors.



213.9520, 12.8417, -12.2359



246.4170, 4.2314, -3.8737



226.2160, -1.0925, -22.9914



122.6730, 2.6262, -2.3442



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.



213.9520, 12.8417, -12.2359



221.5540, 16.4889, -15.3949



205.7560, 16.8823, -1.5400



112.3030, 3.7946, -3.7737



63.8270, 59.2453, -55.9763



19.2980, 18.0941, -16.9243

Inverse Universe

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



213.7840, 1.0925, 22.9914



221.5290, 1.2182, 29.3541



234.2440, -16.8823, 1.5400



112.1580, 0.4151, 6.8774



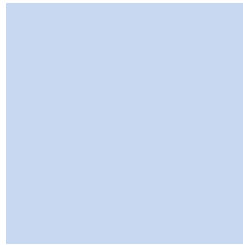
63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 213.9520, 12.8417, -12.2359 looks on a white background.

Color Contrast Check

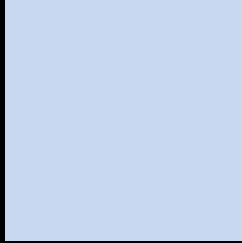
Large Text (above 18pt) WCAG AA × Fail

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 213.9520, 12.8417, -12.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

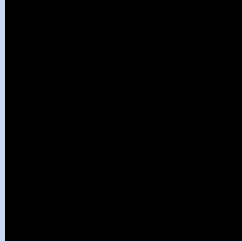
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.9520, 12.8417, -12.2359

Background



This preview shows how black text looks on a background with the YUV color 213.9520, 12.8417, -12.2359.



This preview shows how white text looks on a background with the YUV color 213.9520, 12.8417, -12.2359.

-12.2359.

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

213.9520, 12.8417, -12.2359

Protanopia

215.2520, 11.2148, -3.7290

Deuteranopia

216.8340, 11.9138, 5.4076



Tritanopia

213.5560, 10.0789, -12.7656

Trichromacy



Original Color

213.9520, 12.8417, -12.2359

Protanomaly

214.7570, 11.9518, -6.8029

Deuteranomaly

216.2030, 12.2249, -1.0550

Tritanomaly

213.7840, 10.9525, -12.9656

Monochromacy



Original Color

213.9520, 12.8417, -12.2359

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9520, 12.8417, -12.2359 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(200, 216, 240)` looks like.

```
.text, #text, p{  
    color:rgb(200, 216, 240)  
}
```

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(200, 216, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 216, 240) }
```

Border

The CSS property to change the border of an element to YUV 213.9520, 12.8417, -12.2359 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(200, 216, 240) }
```


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

```
.border{ border-color:rgb(200, 216, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 216, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 216, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 216, 240);  
box-shadow:4px 4px 4px 4px rgb(200, 216,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 213.9520, 12.8417, -12.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 216, 240) }
```

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

```
.background{ background-color: rgb(200,  
216, 240) }
```

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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