

Converting Colors

YUV(205.7340, 16.8931,
-5.0287)

Have a look what the booklet for
YUV(205.7340, 16.8931, -5.0287)
contains.

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Color

**YUV(205.7340, 16.8931,
-5.0287)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CAF0
RGB	200, 202, 240
RGB Percent	78%, 79%, 94%
CMY	0.2157, 0.2078, 0.0588
CMYK	0.17, 0.16, 0.00, 0.06
HSL	237°, 57%, 86%
HSV	237°, 17%, 94%
XYZ	60.6681, 60.8117, 90.9784
YIQ	205.7340, -13.3900, 11.3940

Conversions

Conversions Part 2

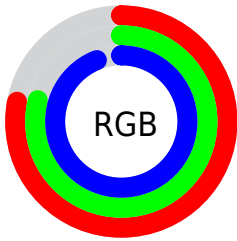
Format	Color
R _{YB}	200, 202, 240
Decimal	13159152
CIE Lab	82.28, 6.89, -18.93
CIE LCh	82, 20.147, 290.012
Yxy	60.8117, 0.2856, 0.2862
Android (android.graphics.Color)	4291349232 (0xFFC8CAF0)
YUV	205.7340, 16.8931, -5.0287
Hunter-Lab	77.9819, 2.4007, -14.5840

Details

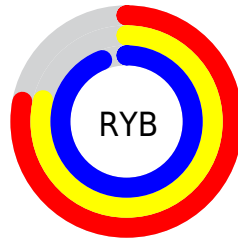
The YUV color $205.7340, 16.8931, -5.0287$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $234.2660, -16.8931, 5.0287$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $151.5060, 16.0195, -4.8288$ is the 20% darker color. If you saturate the color by 10%, you get $185.0570, 27.0869, -7.9430$, and if you desaturate by 10%, it is $226.4110, 6.6994, -2.1144$.

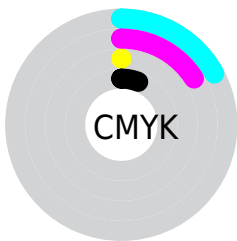
Distribution



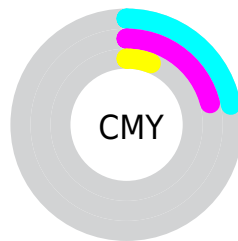
- Red (78%)
- Green (79%)
- Blue (94%)



- Red (78%)
- Yellow (79%)
- Blue (94%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.7340, 16.8931, -5.0287 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 205.7340, 16.8931, -5.0287 by changing the saturation by 10% instead.

■ 205.7340, 16.8931,
-5.0287

■ 205.7340, 16.8931,
-5.0287

255.0000, 0.0000,
0.0000

■ 178.3210, 16.6037,
-5.5435

■ 151.5060, 16.0195,
-4.8288

■ 125.3920, 15.5827,
-4.7288

■ 99.9790, 15.2934,
-5.2436

■ 76.4520, 14.5672,
-5.6584

■ 53.2240, 13.6936,
-5.4584

■ 31.3980, 13.1148,

-6.4880

■ 7.7510, 14.4198,
-5.0436

■ 2.0690, 5.3890,
-1.8145

■ 205.7340, 16.8931,
-5.0287

■ 205.7340, 16.8931,
-5.0287

■ 185.0570, 27.0869,
-7.9430

■ 226.4110, 6.6994,
-2.1144

■ 164.3800, 37.2807,
-10.8573

■ 247.0880, -3.4944,
0.7998

■ 144.2900, 47.1850,
-14.2863

■ 253.2900, -6.5520,
1.4997

■ 123.6130, 57.3788,
-17.2006

■ 102.9360, 67.5726,
-20.1149

■ 82.2590, 77.7663,
-23.0291

■ 61.5820, 87.9601,
-25.9434

■ 41.4920, 97.8644,
-29.3725

■ 34.4040, 101.3588,
-30.1723

Harmonies

Analogous

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



202.1940, 19.1314, -22.9721



205.7340, 16.8931, -5.0287



207.8350, 10.4343, 13.2997

Triad

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



205.7340, 16.8931, -5.0287



206.2890, -14.9325, 29.5645



197.9980, -0.4920, -28.9392

Complementary

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



205.7340, 16.8931, -5.0287



234.2660, -16.8931, 5.0287

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.



199.9800, -9.8501, -14.0145



205.7340, 16.8931, -5.0287



204.7130, -18.0995, 18.6687

Square

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



205.7340, 16.8931, -5.0287



207.9610, -7.3758, 32.4832



202.3690, -16.4509, 3.1844



197.8750, 9.4286, -37.6014

Rectangle

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



205.7340, 16.8931, -5.0287



208.4080, 4.7289, 23.3212



202.3690, -16.4509, 3.1844



199.1080, -3.9972, -24.6507

Sweetspot

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



205.7340, 16.8931, -5.0287



244.0690, 5.3890, -1.8145



227.8120, 5.0227, -24.3911



120.9120, 3.4944, -0.7998



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.



205.7340, 16.8931, -5.0287



211.5750, 21.4085, -6.6433



209.9420, 14.8186, 7.0669



109.3680, 5.2416, -1.1997



26.2590, 77.7663, -23.0291



8.1450, 23.5925, -7.1432

Inverse Universe

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



212.1880, -5.0227, 24.3911



219.5910, -6.2074, 31.0537



230.0580, -14.8186, -7.0669



111.5880, -1.7689, 7.3773



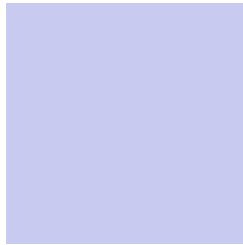
56.0420, -23.1917, 112.2192



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 205.7340, 16.8931, -5.0287 looks on a white background.

Color Contrast Check

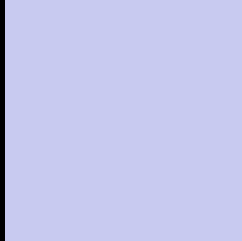
Large Text (above 18pt) WCAG AA × Fail

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 205.7340, 16.8931, -5.0287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

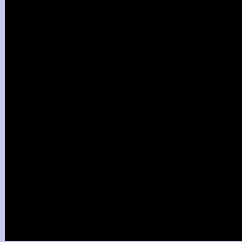
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.7340, 16.8931, -5.0287

Background



This preview shows how black text looks on a background with the YUV color 205.7340, 16.8931, -5.0287.



This preview shows how white text looks on a background with the YUV color 205.7340, 16.8931, -5.0287.

-5.0287.

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

205.7340, 16.8931, -5.0287

Protanopia

205.5380, 17.4828, -7.4878

Deuteranopia

206.6530, 16.4401, 0.3043



Tritanopia

204.4320, 8.1680, -6.5179

Trichromacy



Original Color

205.7340, 16.8931, -5.0287

Protanomaly

205.8370, 17.3354, -6.8730

Deuteranomaly

206.3430, 16.5929, -2.0548

Tritanomaly

204.9420, 11.3676, -6.0881

Monochromacy



Original Color

205.7340, 16.8931, -5.0287

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.7340, 16.8931, -5.0287 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, 202, 240)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 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, 202, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 240) }
```

Border

The CSS property to change the border of an element to YUV 205.7340, 16.8931, -5.0287 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, 202, 240) }
```


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

```
.border{ border-color:rgb(200, 202, 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, 202, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 240);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 205.7340, 16.8931, -5.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 240) }
```

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

```
.background{ background-color: rgb(200,  
202, 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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