

Converting Colors

YUV(215.3670, 6.7211, -9.0919)

Have a look what the booklet for
YUV(215.3670, 6.7211, -9.0919)
contains.

YUV(215.3670, 6.7211, -9.0919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(215.3670, 6.7211,
-9.0919)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDAE5
RGB	205, 218, 229
RGB Percent	80%, 85%, 90%
CMY	0.1961, 0.1451, 0.1020
CMYK	0.10, 0.05, 0.00, 0.10
HSL	208°, 32%, 85%
HSV	208°, 10%, 90%
XYZ	64.3911, 68.7791, 84.0107
YIQ	215.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

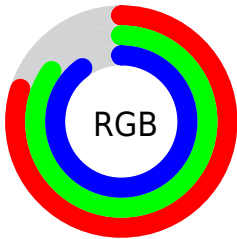
Format	Color
R _Y B	205, 213, 229
Decimal	13490917
CIE Lab	86.39, -2.22, -6.90
CIE LCh	86, 7.244, 252.156
Yxy	68.7791, 0.2965, 0.3167
Android (android.graphics.Color)	4291680997 (0xFFCDDAE5)
YUV	215.3670, 6.7211, -9.0919
Hunter-Lab	82.9332, -6.5418, -2.0071

Details

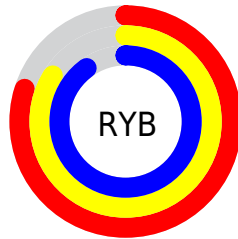
The YUV color **215.3670, 6.7211, -9.0919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218.6330, -6.7211, 9.0919**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **160.6660, 6.5737, -8.4771** is the 20% darker color. If you saturate the color by 10%, you get **202.6200, 13.0053, -18.0837**, and if you desaturate by 10%, it is **228.1140, 0.4368, -0.1000**.

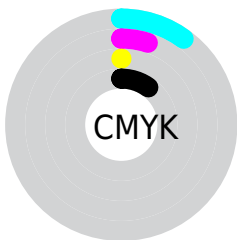
Distribution



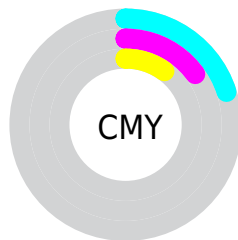
- Red (80%)
- Green (85%)
- Blue (90%)



- Red (80%)
- Yellow (84%)
- Blue (90%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.3670, 6.7211, -9.0919 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 215.3670, 6.7211, -9.0919 by changing the saturation by 10% instead.

■ 215.3670, 6.7211,
-9.0919

■ 215.3670, 6.7211,
-9.0919

255.0000, 0.0000,
0.0000

■ 187.3670, 6.7211,
-9.0919

■ 160.6660, 6.5737,
-8.4771

■ 134.5520, 6.1369,
-8.3771

■ 109.4380, 5.7001,
-8.2771

■ 84.7370, 5.5527,
-7.6623

■ 61.7370, 5.5527,
-7.6623

■ 39.6230, 5.1159,

-7.5624

■ 18.9110, 4.9739,
-8.6919

■ 0.2280, 0.8736,
-0.2000

■ 215.3670, 6.7211,
-9.0919

■ 215.3670, 6.7211,
-9.0919

■ 202.6200, 13.0053,
-18.0837

■ 228.1140, 0.4368,
-0.1000

■ 189.2860, 19.5790,
-26.5608

■ 241.4480, -6.1369,
8.3771

■ 176.5390, 25.8633,
-35.5527

■ 248.5140, -9.6204,
5.6882

■ 163.2050, 32.4369,
-44.0298

■ 252.0360,
-11.3567, 2.5994

■ 150.7570, 38.5738,
-52.4069

■ 137.4230, 45.1475,
-60.8840

■ 124.6760, 51.4317,
-69.8759

■ 111.3420, 58.0054,
-78.3529

■ 98.8940, 64.1423,
-86.7300

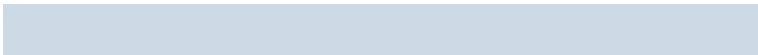
Harmonies

Analogous

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



214.5900, 5.1321, -12.7954



215.3670, 6.7211, -9.0919



216.5850, 6.1206, -3.1440

Triad

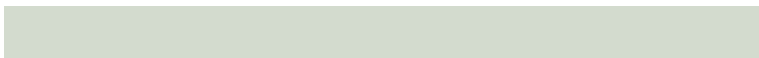
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215.3670, 6.7211, -9.0919



217.9090, -1.9271, 11.4808



215.1260, -4.4991, -3.6185

Complementary

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



215.3670, 6.7211, -9.0919



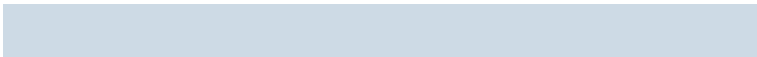
218.6330, -6.7211, 9.0919

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.



216.0020, -6.4100, 2.6292



215.3670, 6.7211, -9.0919



217.6980, -5.2741, 11.6659

Square

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



215.3670, 6.7211, -9.0919



217.8100, 1.5727, 8.9366



216.3340, -6.5737, 8.4771



214.3040, -1.1359, -9.0366

Rectangle

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



215.3670, 6.7211, -9.0919



216.7920, 5.5255, 1.0594



216.3340, -6.5737, 8.4771



215.2080, -5.5255, -1.0594

Sweetspot

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



215.3670, 6.7211, -9.0919



250.2600, 2.3368, -2.8590



220.3420, -2.1406, -13.4549



124.4450, 1.7526, -2.1443



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.



215.3670, 6.7211, -9.0919



236.3280, 9.2053, -12.5657



208.3230, 10.1938, -2.9143



107.8900, 3.5052, -4.2885



77.3450, 50.1159, -67.8316



22.2500, 14.1738, -19.5132

Inverse Universe

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



213.6580, 2.1406, 13.4549



233.9190, 2.9979, 18.4880



225.6770, -10.1938, 2.9143



107.2720, 0.8519, 6.7775



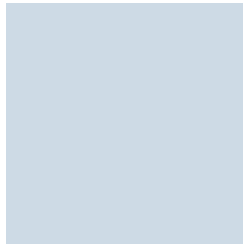
64.5790, 15.9836, 100.3472



18.4410, 4.7126, 28.5542

Previews

White Background



This preview shows how the YUV color 215.3670, 6.7211, -9.0919 looks on a white background.

Color Contrast Check

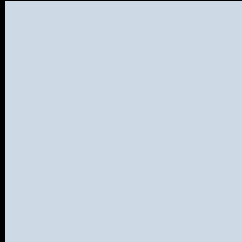
Large Text (above 18pt) WCAG AA × Fail

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 215.3670, 6.7211, -9.0919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

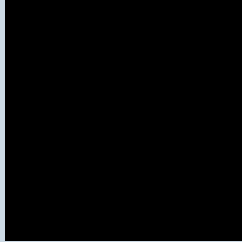
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

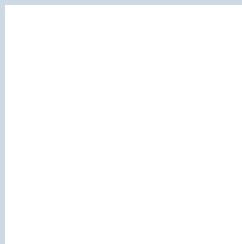
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.3670, 6.7211, -9.0919

Background



This preview shows how black text looks on a background with the YUV color 215.3670, 6.7211, -9.0919.



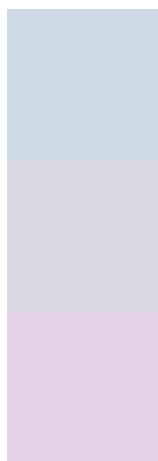
This preview shows how white text looks on a background with the YUV color 215.3670, 6.7211, -9.0919.

-9.0919.

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

215.3670, 6.7211, -9.0919

Protanopia

216.9660, 4.9468, 0.0298

Deuteranopia

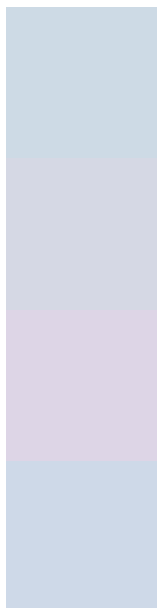
218.3740, 6.2246, 10.1960



Tritanopia

215.6490, 9.0470, -8.4622

Trichromacy



Original Color

215.3670, 6.7211, -9.0919

Protanomaly

216.4710, 5.6838, -3.0441

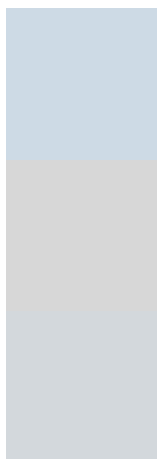
Deuteranomaly

217.3300, 6.2463, 3.2186

Tritanomaly

215.4210, 8.1734, -8.2622

Monochromacy



Original Color

215.3670, 6.7211, -9.0919

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.3670, 6.7211, -9.0919 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, 218, 229)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 229)  
}
```

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, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 229) }
```

Border

The CSS property to change the border of an element to YUV 215.3670, 6.7211, -9.0919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

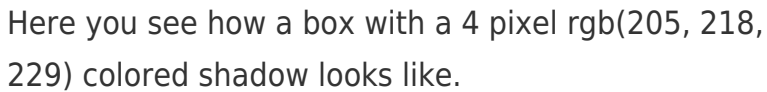
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 218, 229) }
```


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

```
.border{ border-color:rgb(205, 218, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 218, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 218, 229); box-shadow:4px 4px 4px 4px rgb(205, 218, 229) }
```

Background

The CSS property to change the background color of an element to YUV 215.3670, 6.7211, -9.0919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 229) }
```

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

```
.background{ background-color: rgb(205,  
218, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor