

Converting Colors

YUV(215.4640, 9.6312, -9.1769)

Have a look what the booklet for
YUV(215.4640, 9.6312, -9.1769)
contains.

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Color

**YUV(215.4640, 9.6312,
-9.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD9EB
RGB	205, 217, 235
RGB Percent	80%, 85%, 92%
CMY	0.1961, 0.1490, 0.0784
CMYK	0.13, 0.08, 0.00, 0.08
HSL	216°, 43%, 86%
HSV	216°, 13%, 92%
XYZ	64.9851, 68.6030, 88.4139
YIQ	215.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

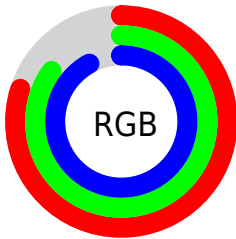
Format	Color
R _Y B	205, 214, 235
Decimal	13490667
CIE Lab	86.31, -0.50, -10.20
CIE LCh	86, 10.208, 267.212
Yxy	68.6030, 0.2927, 0.3090
Android (android.graphics.Color)	4291680747 (0xFFCDD9EB)
YUV	215.4640, 9.6312, -9.1769
Hunter-Lab	82.8269, -4.8980, -5.3105

Details

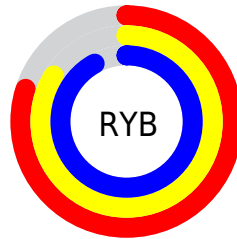
The YUV color $215.4640, 9.6312, -9.1769$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.5360, -9.6312, 9.1769$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.6490, 9.0470, -8.4622$ is the 20% darker color. If you saturate the color by 10%, you get $200.3690, 17.0731, -16.1096$, and if you desaturate by 10%, it is $230.8580, 2.0420, -1.6295$.

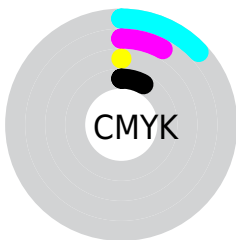
Distribution



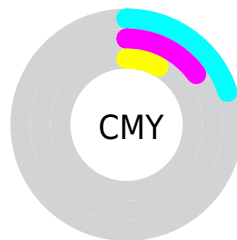
- Red (80%)
- Green (85%)
- Blue (92%)



- Red (80%)
- Yellow (84%)
- Blue (92%)



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



- Cyan (20%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4640, 9.6312, -9.1769 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 215.4640, 9.6312, -9.1769 by changing the saturation by 10% instead.

■ 215.4640, 9.6312,
-9.1769

■ 215.4640, 9.6312,
-9.1769

255.0000, 0.0000,
0.0000

■ 187.4640, 9.6312,
-9.1769

■ 160.6490, 9.0470,
-8.4622

■ 134.5350, 8.6102,
-8.3622

■ 109.2360, 8.7577,
-8.9770

■ 84.5350, 8.6102,
-8.3622

■ 61.4210, 8.1734,
-8.2622

■ 39.3070, 7.7366,

-8.1622

■ 18.4810, 7.1579,
-9.1918

■ 1.0260, 3.9312,
-0.8998

■ 215.4640, 9.6312,
-9.1769

■ 215.4640, 9.6312,
-9.1769

■ 200.3690, 17.0731,
-16.1096

■ 230.8580, 2.0420,
-1.6295

■ 184.9750, 24.6623,
-23.6571

■ 245.9530, -5.3998,
5.3032

■ 169.8800, 32.1042,
-30.5898

■ 252.7200, -8.7360,
1.9996

■ 154.4860, 39.6934,
-38.1372

■ 139.3910, 47.1352,
-45.0699

■ 123.4100, 55.0139,
-52.1026

■ 108.3150, 62.4557,
-59.0353

■ 92.9210, 70.0449,
-66.5827

■ 81.9680, 75.4448,
-71.8859

Harmonies

Analogous

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



214.1920, 8.7793, -15.9544



215.4640, 9.6312, -9.1769



217.0630, 7.8569, -0.0553

Triad

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



215.4640, 9.6312, -9.1769



217.7310, -5.2904, 16.8989



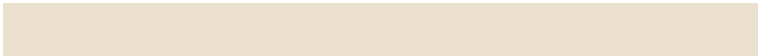
213.7940, -4.3354, -9.4663

Complementary

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



215.4640, 9.6312, -9.1769



224.5360, -9.6312, 9.1769

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.



214.6380, -7.7095, -0.5595



215.4640, 9.6312, -9.1769



216.9110, -8.3371, 14.1101

Square

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



215.4640, 9.6312, -9.1769



218.2730, -0.6276, 14.6696



215.9380, -9.3364, 7.9474



213.1290, 0.9224, -15.8991

Rectangle

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



215.4640, 9.6312, -9.1769



217.8250, 5.5093, 6.2925



215.9380, -9.3364, 7.9474



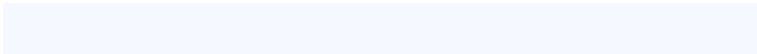
214.1750, -5.5093, -6.2925

Sweetspot

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



215.4640, 9.6312, -9.1769



248.4880, 3.2104, -3.0590



224.6620, -0.8194, -17.2436



123.5590, 2.1894, -2.2442



0.0000, 0.0000, 0.0000



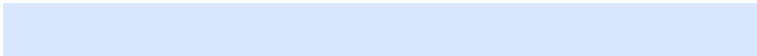
128.0000, 0.0000, 0.0000

Same Dimension

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



215.4640, 9.6312, -9.1769



230.1370, 12.2575, -11.5211



209.3170, 12.6617, -1.1550



109.6020, 3.6472, -3.1590



62.8980, 58.2243, -55.1615



18.4830, 17.5099, -16.2096

Inverse Universe

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



215.3380, 0.8194, 17.2436



230.0720, 0.9505, 21.8619



230.6830, -12.6617, 1.1550



109.7450, 0.1257, 6.3626



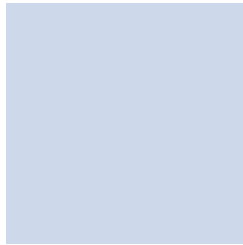
62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 215.4640, 9.6312, -9.1769 looks on a white background.

Color Contrast Check

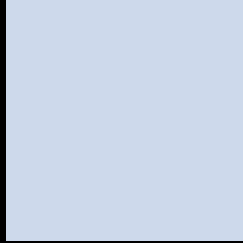
Large Text (above 18pt) WCAG AA × Fail

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 215.4640, 9.6312, -9.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

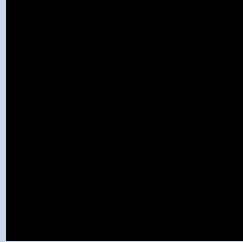
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.4640, 9.6312, -9.1769

Background



This preview shows how black text looks on a background with the YUV color 215.4640, 9.6312, -9.1769.



This preview shows how white text looks on a background with the YUV color 215.4640, 9.6312, -9.1769.

-9.1769.

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

215.4640, 9.6312, -9.1769

Protanopia

216.1660, 8.2992, -1.8996

Deuteranopia

218.0470, 8.8508, 7.8518



Tritanopia

215.3500, 9.1945, -9.0769

Trichromacy



Original Color

215.4640, 9.6312, -9.1769

Protanomaly

215.9700, 8.8888, -4.3587

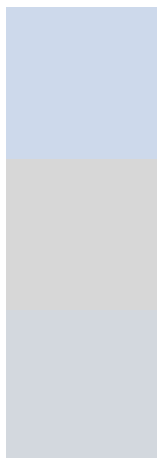
Deuteranomaly

217.4160, 9.1619, 1.3892

Tritanomaly

215.3500, 9.1945, -9.0769

Monochromacy



Original Color

215.4640, 9.6312, -9.1769

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.1890, 3.3578, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4640, 9.6312, -9.1769 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(205, 217, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 217, 235) }
```

Border

The CSS property to change the border of an element to YUV 215.4640, 9.6312, -9.1769 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, 235) }
```


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

```
.border{ border-color:rgb(205, 217, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(205, 217,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 215.4640, 9.6312, -9.1769 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, 235) }
```

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

```
.background{ background-color: rgb(205,  
217, 235) }
```

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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