

Converting Colors

YUV(216.5350, 8.6102, -8.3622)

Have a look what the booklet for
YUV(216.5350, 8.6102, -8.3622)
contains.

YUV(216.5350, 8.6102, -8.3622)	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(216.5350, 8.6102,
-8.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDAEA
RGB	207, 218, 234
RGB Percent	81%, 85%, 92%
CMY	0.1882, 0.1451, 0.0824
CMYK	0.12, 0.07, 0.00, 0.08
HSL	216°, 39%, 86%
HSV	216°, 12%, 92%
XYZ	65.6548, 69.3487, 87.7672
YIQ	216.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

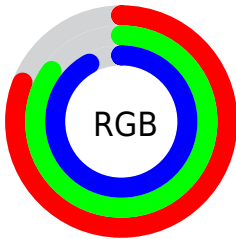
Format	Color
R _Y B	207, 215, 234
Decimal	13621994
CIE Lab	86.68, -0.58, -9.10
CIE LCh	87, 9.122, 266.351
Yxy	69.3487, 0.2947, 0.3113
Android (android.graphics.Color)	4291812074 (0xFFCFDAEA)
YUV	216.5350, 8.6102, -8.3622
Hunter-Lab	83.2759, -5.0031, -4.1946

Details

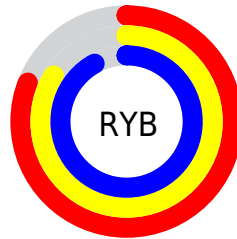
The YUV color `216.5350, 8.6102, -8.3622` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `224.4650, -8.6102, 8.3622`, and the grayscale version is `216.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `161.7200, 8.0260, -7.6474` is the 20% darker color. If you saturate the color by 10%, you get `201.4400, 16.0521, -15.2949`, and if you desaturate by 10%, it is `231.6300, 1.1684, -1.4295`.

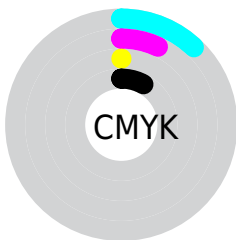
Distribution



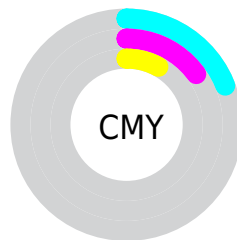
- Red (81%)
- Green (85%)
- Blue (92%)



- Red (81%)
- Yellow (84%)
- Blue (92%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5350, 8.6102, -8.3622 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 216.5350, 8.6102, -8.3622 by changing the saturation by 10% instead.

■ 216.5350, 8.6102,
-8.3622

■ 216.5350, 8.6102,
-8.3622

255.0000, 0.0000,
0.0000

■ 188.5350, 8.6102,
-8.3622

■ 161.7200, 8.0260,
-7.6474

■ 135.7200, 8.0260,
-7.6474

■ 110.3070, 7.7366,
-8.1622

■ 85.6060, 7.5892,
-7.5475

■ 62.4920, 7.1524,
-7.4475

■ 40.3780, 6.7156,

-7.3475

■ 19.9650, 6.4263,
-7.8623

■ 0.9120, 3.4944,
-0.7998

■ 216.5350, 8.6102,
-8.3622

■ 216.5350, 8.6102,
-8.3622

■ 201.4400, 16.0521,
-15.2949

■ 231.6300, 1.1684,
-1.4295

■ 186.0460, 23.6413,
-22.8423

■ 247.0240, -6.4208,
6.1180

■ 170.9510, 31.0832,
-29.7750

■ 252.6060, -9.1728,
2.0995

■ 156.1440, 38.3830,
-37.8373

■ 141.0490, 45.8248,
-44.7700

■ 125.9540, 53.2667,
-51.7027

■ 110.5600, 60.8559,
-59.2501

■ 95.4650, 68.2978,
-66.1828

■ 82.4410, 74.7186,
-72.3008

Harmonies

Analogous

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



215.5620, 7.6109, -14.5249



216.5350, 8.6102, -8.3622



217.8350, 6.9833, 0.1447

Triad

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



216.5350, 8.6102, -8.3622



218.9480, -4.4114, 14.9546



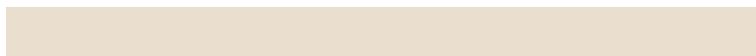
214.9190, -3.9041, -7.8220

Complementary

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



216.5350, 8.6102, -8.3622



224.4650, -8.6102, 8.3622

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.



216.0510, -7.4201, -0.0447



216.5350, 8.6102, -8.3622



217.8400, -7.3161, 13.2953

Square

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



216.5350, 8.6102, -8.3622



218.6750, -0.3328, 13.4400



217.1660, -8.4628, 7.7474



214.4390, 0.7696, -13.5400

Rectangle

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



216.5350, 8.6102, -8.3622



218.1130, 5.3673, 5.1629



217.1660, -8.4628, 7.7474



215.0010, -4.9305, -5.2629

Sweetspot

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



216.5350, 8.6102, -8.3622



249.6730, 2.6262, -2.3442



224.6730, -0.8248, -15.4992



123.8580, 2.0420, -1.6295



0.0000, 0.0000, 0.0000



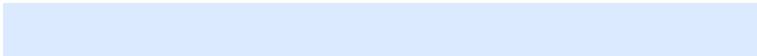
128.0000, 0.0000, 0.0000

Same Dimension

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



216.5350, 8.6102, -8.3622



231.9090, 11.3839, -11.3212



210.6760, 11.4987, -1.4699



109.6020, 3.6472, -3.1590



64.0720, 57.6455, -56.1911



19.0700, 17.2205, -16.7244

Inverse Universe

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



216.3270, 0.8248, 15.4992



231.4740, 1.2453, 20.6323



230.3240, -11.4987, 1.4699



109.7450, 0.1257, 6.3626



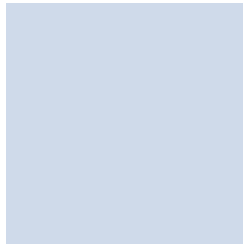
62.5550, 5.6424, 103.8763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 216.5350, 8.6102, -8.3622 looks on a white background.

Color Contrast Check

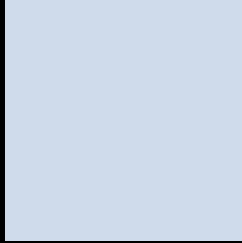
Large Text (above 18pt) WCAG AA × Fail

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 216.5350, 8.6102, -8.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

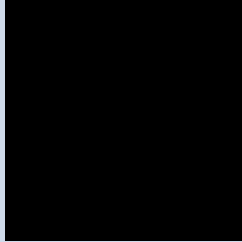
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

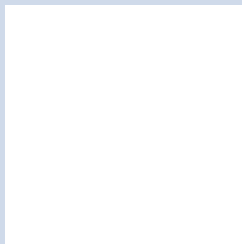
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.5350, 8.6102, -8.3622

Background



This preview shows how black text looks on a background with the YUV color 216.5350, 8.6102, -8.3622.



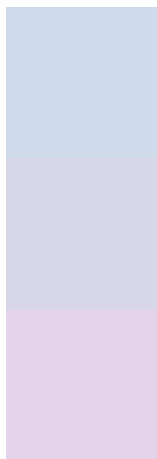
This preview shows how white text looks on a background with the YUV color 216.5350, 8.6102,

-8.3622.

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

216.5350, 8.6102, -8.3622

Protanopia

217.2370, 7.2782, -1.0848

Deuteranopia

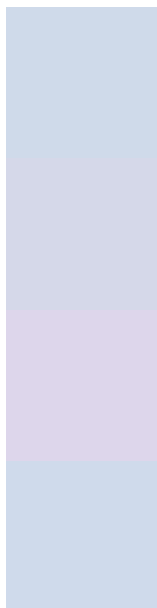
219.1180, 7.8298, 8.6665



Tritanopia

216.6490, 9.0470, -8.4622

Trichromacy



Original Color

216.5350, 8.6102, -8.3622

Protanomaly

217.0410, 7.8678, -3.5440

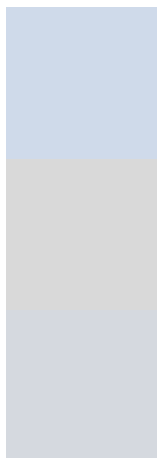
Deuteranomaly

218.4870, 8.1409, 2.2039

Tritanomaly

216.6490, 9.0470, -8.4622

Monochromacy



Original Color

216.5350, 8.6102, -8.3622

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.4880, 3.2104, -3.0590

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5350, 8.6102, -8.3622 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(207, 218, 234)` looks like.

```
.text, #text, p{  
    color:rgb(207, 218, 234)  
}
```

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(207, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 218, 234) }
```

Border

The CSS property to change the border of an element to YUV 216.5350, 8.6102, -8.3622 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(207, 218, 234) }
```


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

```
.border{ border-color:rgb(207, 218, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 218, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(207, 218,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 216.5350, 8.6102, -8.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 218, 234) }
```

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

```
.background{ background-color: rgb(207,  
218, 234) }
```

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