

Converting Colors

YUV(216.1120, 3.3958,
-15.8842)

Have a look what the booklet for
YUV(216.1120, 3.3958, -15.8842)
contains.

YUV(216.1120, 3.3958, -15.8842)	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(216.1120, 3.3958,
-15.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E0DF
RGB	198, 224, 223
RGB Percent	78%, 88%, 87%
CMY	0.2235, 0.1216, 0.1255
CMYK	0.12, 0.00, 0.00, 0.12
HSL	178°, 30%, 83%
HSV	178°, 12%, 88%
XYZ	63.2636, 70.6448, 80.1135
YIQ	216.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

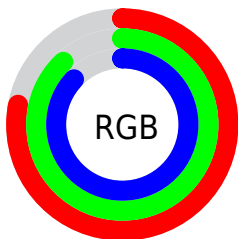
Format	Color
R _Y B	198, 211, 224
Decimal	13033695
CIE Lab	87.31, -8.75, -2.43
CIE LCh	87, 9.084, 195.525
Yxy	70.6448, 0.2956, 0.3301
Android (android.graphics.Color)	4291223775 (0xFFC6E0DF)
YUV	216.1120, 3.3958, -15.8842
Hunter-Lab	84.0505, -12.7338, 2.3225

Details

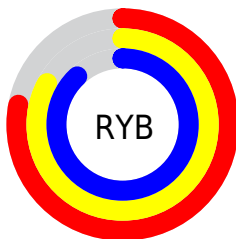
The YUV color $216.1120, 3.3958, -15.8842$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.8880, -3.3958, 15.8842$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.4110, 3.2484, -15.2694$ is the 20% darker color. If you saturate the color by 10%, you get $209.4200, 6.2019, -29.3093$, and if you desaturate by 10%, it is $222.8040, 0.5896, -2.4591$.

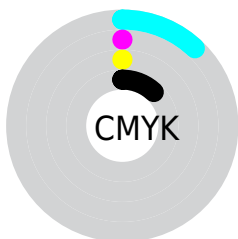
Distribution



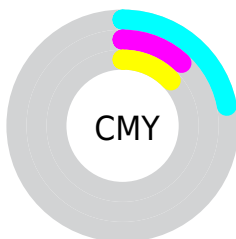
- Red (78%)
- Green (88%)
- Blue (87%)



- Red (78%)
- Yellow (83%)
- Blue (88%)



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



- Cyan (22%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1120, 3.3958, -15.8842 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 216.1120, 3.3958, -15.8842 by changing the saturation by 10% instead.

■ 216.1120, 3.3958,
-15.8842

■ 216.1120, 3.3958,
-15.8842

255.0000, 0.0000,
0.0000

■ 188.4110, 3.2484,
-15.2694

■ 161.4110, 3.2484,
-15.2694

■ 134.7100, 3.1010,
-14.6547

■ 109.7100, 3.1010,
-14.6547

■ 85.0090, 2.9536,
-14.0399

■ 62.0090, 2.9536,
-14.0399

■ 39.7210, 3.0955,

-12.9103

■ 18.4110, 3.2484,
-15.2694

■ 0.0000, 0.0000,
0.0000

■ 216.1120, 3.3958,
-15.8842

■ 216.1120, 3.3958,
-15.8842

■ 209.4200, 6.2019,
-29.3093

■ 222.8040, 0.5896,
-2.4591

■ 202.4290, 9.1555,
-43.3492

■ 229.7950, -2.3639,
11.5808

■ 195.7370, 11.9617,
-56.7743

■ 233.4970, -3.6960,
18.8581

■ 188.8600, 15.3520,
-70.9142

■ 233.6110, -3.2592,
18.7582

■ 182.1680, 18.1582,
-84.3393

■ 233.7250, -2.8224,
18.6582

■ 175.4760, 20.9643,
-97.7645

■ 233.8390, -2.3856,
18.5582

■ 168.4850, 23.9179,
-111.8043

■ 233.9530, -1.9488,
18.4582

■ 161.7930, 26.7241,
-125.2295

■ 234.0670, -1.5120,
18.3582

■ 155.9980, 29.0880,
-136.8102

Harmonies

Analogous

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



216.5810, -1.2724, -11.9105



216.1120, 3.3958, -15.8842



216.7360, 7.0322, -15.5545

Triad

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



216.1120, 3.3958, -15.8842



220.1130, 5.3673, 5.1629



219.1770, -8.4683, 9.4918

Complementary

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



216.1120, 3.3958, -15.8842



205.8880, -3.3958, 15.8842

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.



219.7800, -6.3005, 14.2249



216.1120, 3.3958, -15.8842



220.4190, 1.2724, 11.9105

Square

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



216.1120, 3.3958, -15.8842



219.0410, 7.8678, -3.5440



220.5890, -3.2484, 15.2694



218.2470, -8.0098, 2.4144

Rectangle

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



216.1120, 3.3958, -15.8842



217.6870, 8.0423, -12.8805



220.5890, -3.2484, 15.2694



219.6010, -8.1843, 11.7509

Sweetspot

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



216.1120, 3.3958, -15.8842



252.6080, 1.1793, -4.9182



213.5610, -7.6716, -12.7700



126.0920, 0.4476, -3.5887



0.0000, 0.0000, 0.0000



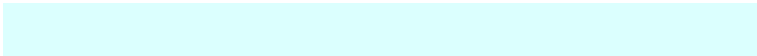
128.0000, 0.0000, 0.0000

Same Dimension

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



216.1120, 3.3958, -15.8842



244.1220, 4.8699, -22.0320



209.1820, 7.3053, -9.8066



108.7110, 1.6215, -6.7625



122.5780, 22.8860, -107.5009



33.5340, 6.6387, -29.4093

Inverse Universe

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



205.8880, -3.3958, 15.8842



229.9920, -4.4331, 21.9320



212.8180, -7.3053, 9.8066



104.2890, -1.6215, 6.7625



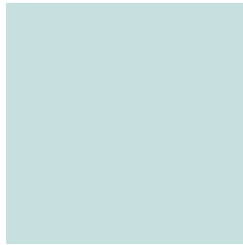
53.4220, -22.8860, 107.5009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 216.1120, 3.3958, -15.8842 looks on a white background.

Color Contrast Check

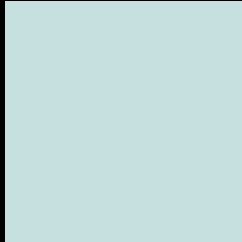
Large Text (above 18pt) WCAG AA × Fail

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 216.1120, 3.3958, -15.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

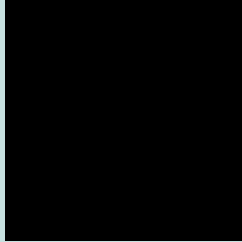
Any Text WCAG AA ✓ Pass

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 216.1120, 3.3958, -15.8842 Background



This preview shows how black text looks on a background with the YUV color 216.1120, 3.3958, -15.8842.



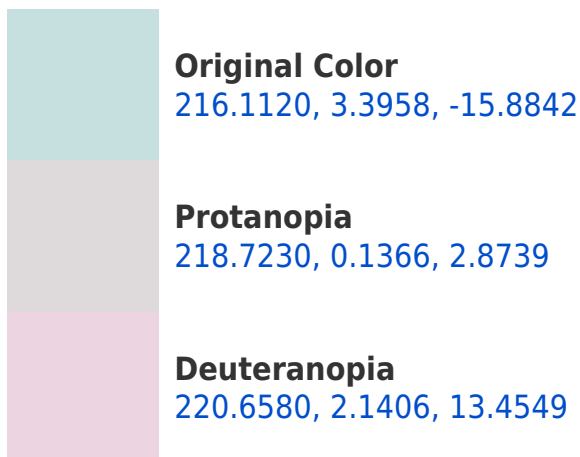
This preview shows how white text looks on a background with the YUV color 216.1120, 3.3958, -15.8842.

-15.8842.

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

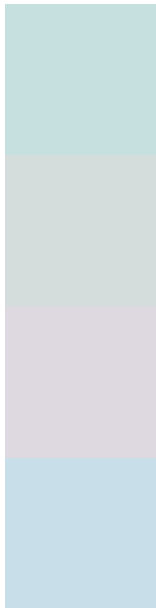




Tritanopia

217.6590, 10.5211, -14.6099

Trichromacy



Original Color

216.1120, 3.3958, -15.8842

Protanomaly

217.9070, 1.0318, -4.3034

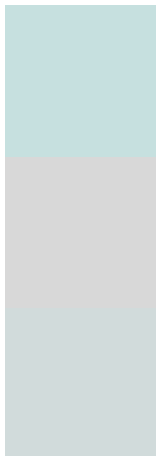
Deuteranomaly

218.7060, 2.6099, 2.8888

Tritanomaly

217.2630, 7.7583, -15.1397

Monochromacy



Original Color

216.1120, 3.3958, -15.8842

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1120, 3.3958, -15.8842 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(198, 224, 223)` looks like.

```
.text, #text, p{  
    color:rgb(198, 224, 223)  
}
```

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(198, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 223) }
```

Border

The CSS property to change the border of an element to YUV 216.1120, 3.3958, -15.8842 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(198, 224, 223) }
```


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

```
.border{ border-color:rgb(198, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(198, 224,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 216.1120, 3.3958, -15.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 224, 223) }
```

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

```
.background{ background-color: rgb(198,  
224, 223) }
```

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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