

Converting Colors

YUV(218.1660, 4.8482,
-15.0546)

Have a look what the booklet for
YUV(218.1660, 4.8482, -15.0546)
contains.

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Color

**YUV(218.1660, 4.8482,
-15.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E1E4
RGB	201, 225, 228
RGB Percent	79%, 88%, 89%
CMY	0.2118, 0.1176, 0.1059
CMYK	0.12, 0.01, 0.00, 0.11
HSL	187°, 33%, 84%
HSV	187°, 12%, 89%
XYZ	65.0162, 71.8694, 83.8442
YIQ	218.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

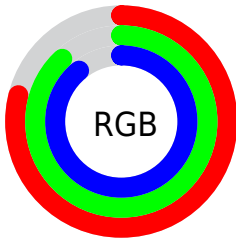
Format	Color
R _Y B	201, 214, 228
Decimal	13230564
CIE Lab	87.91, -7.32, -4.17
CIE LCh	88, 8.421, 209.672
Yxy	71.8694, 0.2946, 0.3256
Android (android.graphics.Color)	4291420644 (0xFFC9E1E4)
YUV	218.1660, 4.8482, -15.0546
Hunter-Lab	84.7758, -11.4626, 0.7046

Details

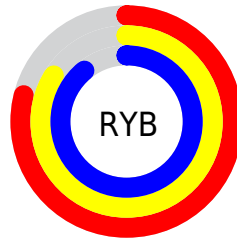
The YUV color $218.1660, 4.8482, -15.0546$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.8340, -4.8482, 15.0546$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.4650, 4.7008, -14.4398$ is the 20% darker color. If you saturate the color by 10%, you get $209.5280, 9.1067, -27.6501$, and if you desaturate by 10%, it is $226.8040, 0.5896, -2.4591$.

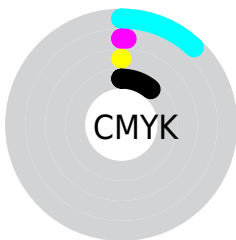
Distribution



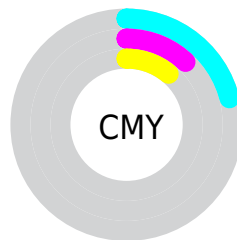
- Red (79%)
- Green (88%)
- Blue (89%)



- Red (79%)
- Yellow (84%)
- Blue (89%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1660, 4.8482, -15.0546 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 218.1660, 4.8482, -15.0546 by changing the saturation by 10% instead.

■ 218.1660, 4.8482,
-15.0546

■ 218.1660, 4.8482,
-15.0546

255.0000, 0.0000,
0.0000

■ 190.4650, 4.7008,
-14.4398

■ 163.4650, 4.7008,
-14.4398

■ 136.7640, 4.5533,
-13.8250

■ 111.6500, 4.1165,
-13.7251

■ 87.0630, 4.4059,
-13.2103

■ 63.3620, 4.2585,
-12.5955

■ 41.3620, 4.2585,

-12.5955

■ 20.0630, 4.4059,
-13.2103

■ 0.1140, 0.4368,
-0.1000

■ 218.1660, 4.8482,
-15.0546

■ 218.1660, 4.8482,
-15.0546

■ 209.5280, 9.1067,
-27.6501

■ 226.8040, 0.5896,
-2.4591

■ 201.4770, 13.0758,
-40.7603

■ 234.8550, -3.3795,
10.6512

■ 193.1380, 17.1870,
-52.7410

■ 239.0080, -5.4269,
14.0250

■ 185.0870, 21.1561,
-65.8513

■ 240.1820, -6.0057,
12.9954

■ 176.4490, 25.4146,
-78.4468

■ 241.9430, -6.8739,
11.4510

■ 168.3980, 29.3838,
-91.5570

■ 243.1170, -7.4527,
10.4214

■ 159.7600, 33.6423,
-104.1525

■ 244.8780, -8.3209,
8.8770

■ 152.0080, 37.4641,
-116.6480

■ 246.0520, -8.8996,
7.8474

■ 145.1530, 40.8436,
-127.2992

■ 247.8130, -9.7678,
6.3030

Harmonies

Analogous

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



217.8520, 1.0590, -13.0252



218.1660, 4.8482, -15.0546



218.5730, 7.6055, -12.7805

Triad

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



218.1660, 4.8482, -15.0546



221.9670, 3.4673, 7.9219



220.3830, -7.5838, 5.8031

Complementary

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



218.1660, 4.8482, -15.0546



210.8340, -4.8482, 15.0546

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.



221.2420, -7.0213, 12.0658



218.1660, 4.8482, -15.0546



222.2620, -0.6222, 12.9252

Square

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



218.1660, 4.8482, -15.0546



221.0200, 6.3991, 0.8595



222.2360, -4.5533, 13.8250



218.9800, -6.3991, -0.8595

Rectangle

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



218.1660, 4.8482, -15.0546



219.7090, 8.0315, -9.3918



222.2360, -4.5533, 13.8250



220.6930, -7.7366, 8.1622

Sweetspot

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



218.1660, 4.8482, -15.0546



251.4230, 1.7635, -5.6330



217.1910, -6.5032, -14.1995



125.3200, 1.3212, -3.7886



0.0000, 0.0000, 0.0000



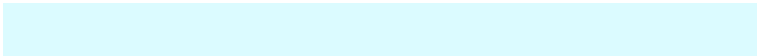
128.0000, 0.0000, 0.0000

Same Dimension

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



218.1660, 4.8482, -15.0546



241.8880, 6.4642, -20.0728



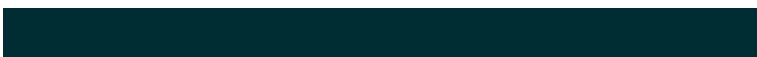
210.5350, 8.6102, -8.3622



110.2380, 2.3477, -6.3477



113.7390, 32.1737, -99.7491



32.2290, 9.2541, -28.2648

Inverse Universe

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



211.8090, 6.5032, 14.1995



233.4120, 8.6709, 18.9327



218.4650, -8.6102, 8.3622



107.7280, 2.5991, 6.3775



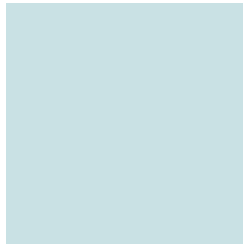
71.6470, 43.0650, 94.1486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 218.1660, 4.8482, -15.0546 looks on a white background.

Color Contrast Check

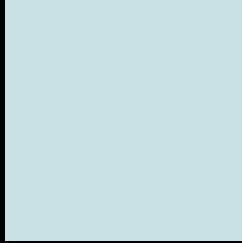
Large Text (above 18pt) WCAG AA × Fail

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 218.1660, 4.8482, -15.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

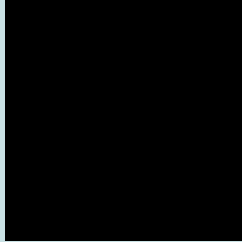
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.1660, 4.8482, -15.0546

Background



This preview shows how black text looks on a background with the YUV color 218.1660, 4.8482, -15.0546.



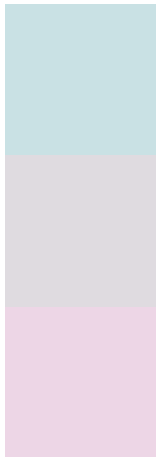
This preview shows how white text looks on a background with the YUV color 218.1660, 4.8482, -15.0546.

-15.0546.

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

218.1660, 4.8482, -15.0546

Protanopia

220.7660, 1.5944, 1.9592

Deuteranopia

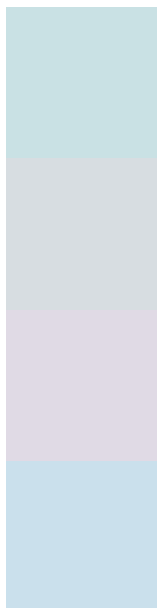
222.7010, 3.5984, 12.5402



Tritanopia

219.0720, 10.8105, -14.0951

Trichromacy



Original Color

218.1660, 4.8482, -15.0546

Protanomaly

219.6620, 2.6316, -4.0886

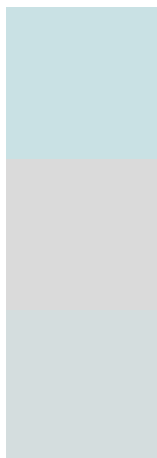
Deuteranomaly

221.0480, 3.9203, 2.5889

Tritanomaly

218.7900, 8.4845, -14.7248

Monochromacy



Original Color

218.1660, 4.8482, -15.0546

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.4230, 1.7635, -5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1660, 4.8482, -15.0546 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(201, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 228)  
}
```

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(201, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 228) }
```

Border

The CSS property to change the border of an element to YUV 218.1660, 4.8482, -15.0546 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(201, 225, 228) }
```


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

```
.border{ border-color:rgb(201, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 218.1660, 4.8482, -15.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 228) }
```

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

```
.background{ background-color: rgb(201,  
225, 228) }
```

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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