

Converting Colors

YUV(218.8160, 12.4157,
-15.6246)

Have a look what the booklet for
YUV(218.8160, 12.4157, -15.6246)
contains.

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Color

**YUV(218.8160, 12.4157,
-15.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DFF4
RGB	201, 223, 244
RGB Percent	79%, 87%, 96%
CMY	0.2118, 0.1255, 0.0431
CMYK	0.18, 0.09, 0.00, 0.04
HSL	209°, 66%, 87%
HSV	209°, 18%, 96%
XYZ	66.8042, 71.7245, 95.9112
YIQ	218.8160, -19.8530, 1.8670

Conversions

Conversions Part 2

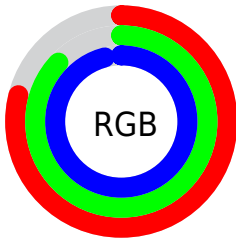
Format	Color
R _Y B	201, 216, 244
Decimal	13230068
CIE Lab	87.84, -3.01, -12.69
CIE LCh	88, 13.045, 256.643
Yxy	71.7245, 0.2850, 0.3059
Android (android.graphics.Color)	4291420148 (0xFFC9DFF4)
YUV	218.8160, 12.4157, -15.6246
Hunter-Lab	84.6903, -7.4063, -7.8623

Details

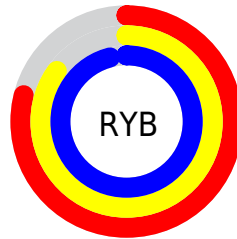
The YUV color **218.8160, 12.4157, -15.6246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226.1840, -12.4157, 15.6246**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **164.0010, 11.8315, -14.9099** is the 20% darker color. If you saturate the color by 10%, you get **204.5960, 19.4262, -24.2017**, and if you desaturate by 10%, it is **233.0360, 5.4053, -7.0476**.

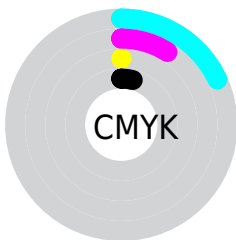
Distribution



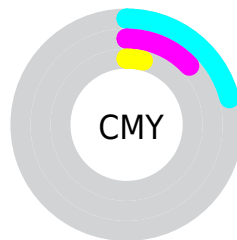
- Red (79%)
- Green (87%)
- Blue (96%)



- Red (79%)
- Yellow (85%)
- Blue (96%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8160, 12.4157, -15.6246 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 218.8160, 12.4157, -15.6246 by changing the saturation by 10% instead.

■ 218.8160, 12.4157,
-15.6246

■ 218.8160, 12.4157,
-15.6246

255.0000, 0.0000,
0.0000

■ 190.8160, 12.4157,
-15.6246

■ 164.0010, 11.8315,
-14.9099

■ 137.5880, 11.5421,
-15.4247

■ 111.8870, 11.3947,
-14.8099

■ 87.0720, 10.8105,
-14.0951

■ 63.6590, 10.5211,
-14.6099

■ 41.2460, 10.2317,

-15.1247

■ 19.5340, 10.0897,
-16.2543

■ 2.7530, 8.0098,
-2.4144

■ 218.8160, 12.4157,
-15.6246

■ 218.8160, 12.4157,
-15.6246

■ 204.5960, 19.4262,
-24.2017

■ 233.0360, 5.4053,
-7.0476

■ 190.0770, 26.5840,
-33.3935

■ 247.5550, -1.7526,
2.1443

■ 175.8570, 33.5945,
-41.9706

■ 253.7460, -4.8048,
1.0998

■ 161.3380, 40.7524,
-51.1624

■ 147.1180, 47.7628,
-59.7395

■ 133.4850, 54.4839,
-68.8313

■ 118.9660, 61.6418,
-78.0232

■ 104.7460, 68.6522,
-86.6002

■ 101.1910, 70.4048,
-88.7445

Harmonies

Analogous

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



216.9030, 10.4008, -22.7169



218.8160, 12.4157, -15.6246



220.9530, 11.3622, -4.3438

Triad

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



218.8160, 12.4157, -15.6246



222.6930, -4.2856, 21.3172



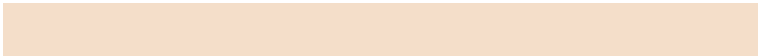
217.7080, -7.2510, -7.6369

Complementary

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



218.8160, 12.4157, -15.6246



226.1840, -12.4157, 15.6246

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.



219.3350, -11.5042, 3.2142



218.8160, 12.4157, -15.6246



222.0150, -9.3744, 20.1578

Square

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



218.8160, 12.4157, -15.6246



222.5660, 1.6930, 17.0436



220.2870, -11.9735, 13.7803



216.2490, -1.1088, -17.7584

Rectangle

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



218.8160, 12.4157, -15.6246



221.7260, 9.0091, 3.7483



220.2870, -11.9735, 13.7803



217.9750, -8.8617, -4.3631

Sweetspot

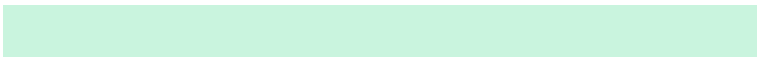
The Sweet Spot groups the original color and five complimentary colors.



218.8160, 12.4157, -15.6246



247.5910, 3.6526, -4.9033



228.6350, -3.2711, -24.2359



123.2600, 2.3368, -2.8590



0.0000, 0.0000, 0.0000



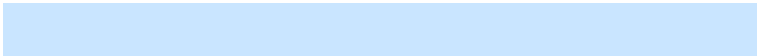
128.0000, 0.0000, 0.0000

Same Dimension

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



218.8160, 12.4157, -15.6246



223.5920, 15.4841, -19.8132



206.4890, 18.4929, -4.8139



114.8900, 3.5052, -4.2885



76.9690, 53.7523, -67.5018



24.3360, 17.0894, -21.3427

Inverse Universe

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



216.3650, 3.2711, 24.2359



220.3380, 4.2704, 30.3986



238.5110, -18.4929, 4.8139



114.2720, 0.8519, 6.7775



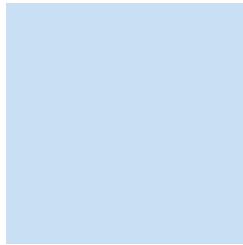
66.4440, 14.0781, 104.8506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 218.8160, 12.4157, -15.6246 looks on a white background.

Color Contrast Check

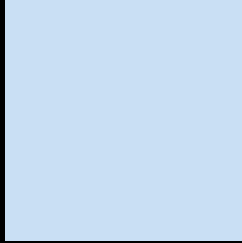
Large Text (above 18pt) WCAG AA × Fail

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 218.8160, 12.4157, -15.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

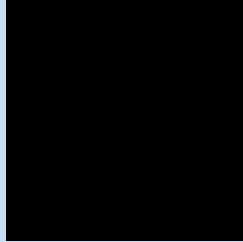
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

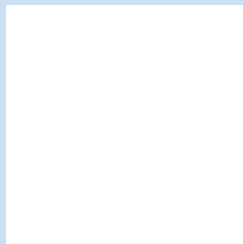
Any Text WCAG AAA ✓ Pass

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

YUV 218.8160, 12.4157, -15.6246 Background



This preview shows how black text looks on a background with the YUV color 218.8160, 12.4157, -15.6246.



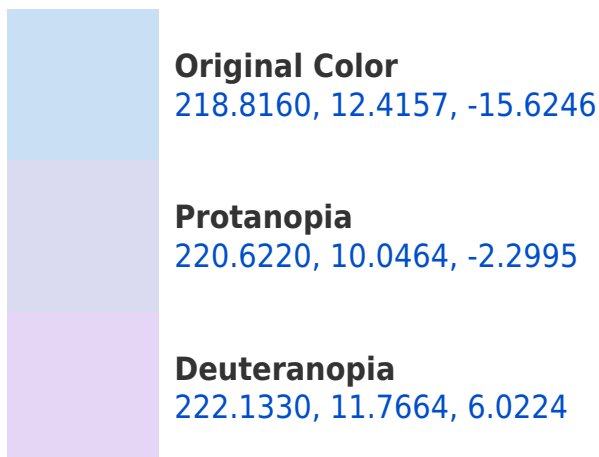
This preview shows how white text looks on a background with the YUV color 218.8160, 12.4157, -15.6246.

-15.6246.

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

218.1750, 11.2527, -15.9395

Trichromacy



Original Color

218.8160, 12.4157, -15.6246

Protanomaly

220.1160, 10.7888, -7.1177

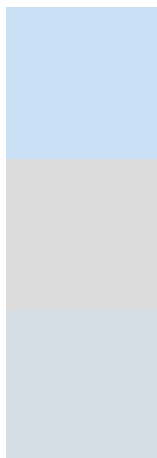
Deuteranomaly

220.7900, 11.9355, -1.5698

Tritanomaly

218.2890, 11.6895, -16.0395

Monochromacy



Original Color

218.8160, 12.4157, -15.6246

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.5200, 4.6736, -5.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8160, 12.4157, -15.6246 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, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(201, 223, 244)  
}
```

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, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 223, 244) }
```

Border

The CSS property to change the border of an element to YUV 218.8160, 12.4157, -15.6246 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, 223, 244) }
```


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

```
.border{ border-color:rgb(201, 223, 244) }
```

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

Here you see how a box with a 4 pixel rgb(201, 223, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(201, 223,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 218.8160, 12.4157, -15.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 223, 244) }
```

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

```
.background{ background-color: rgb(201,  
223, 244) }
```

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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