

Converting Colors

YUV(201.5160, 4.1826, 11.8255)

Have a look what the booklet for
YUV(201.5160, 4.1826, 11.8255)
contains.

YUV(201.5160, 4.1826, 11.8255)	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(201.5160, 4.1826,
11.8255)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1D2
RGB	215, 193, 210
RGB Percent	84%, 76%, 82%
CMY	0.1569, 0.2431, 0.1765
CMYK	0.00, 0.10, 0.02, 0.16
HSL	314°, 22%, 80%
HSV	314°, 10%, 84%
XYZ	58.7272, 57.2401, 68.9260
YIQ	201.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

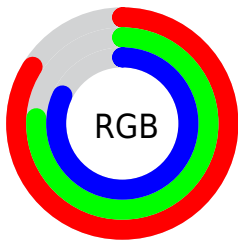
Format	Color
R _Y B	215, 193, 210
Decimal	14139858
CIE Lab	80.31, 10.71, -5.67
CIE LCh	80, 12.121, 332.125
Yxy	57.2401, 0.3176, 0.3096
Android (android.graphics.Color)	4292329938 (0xFFD7C1D2)
YUV	201.5160, 4.1826, 11.8255
Hunter-Lab	75.6572, 6.1563, -1.0549

Details

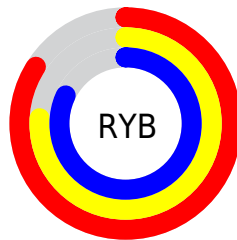
The YUV color **201.5160, 4.1826, 11.8255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206.4840, -4.1826, -11.8255**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4780, 1.7363, 3.0888**, and **147.2170, 4.3300, 11.2107** is the 20% darker color. If you saturate the color by 10%, you get **188.6190, 8.0758, 23.1361**, and if you desaturate by 10%, it is **215.0000, 0.0000, 0.0000**.

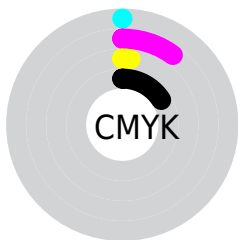
Distribution



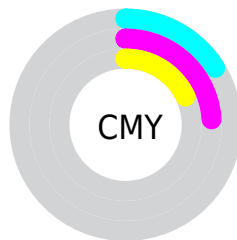
- Red (84%)
- Green (76%)
- Blue (82%)



- Red (84%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.5160, 4.1826, 11.8255 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 201.5160, 4.1826, 11.8255 by changing the saturation by 10% instead.

■ 201.5160, 4.1826,
11.8255

■ 201.5160, 4.1826,
11.8255

255.0000, 0.0000,
0.0000

■ 174.1030, 3.8932,
11.3107

■ 251.4780, 1.7363,
3.0888

■ 147.2170, 4.3300,
11.2107

■ 121.8040, 4.0406,
10.6959

■ 96.6900, 3.6038,
10.7959

■ 72.9780, 3.4618,
9.6663

■ 50.5650, 3.1725,
9.1515

■ 29.2660, 3.3199,

8.5367

■ 7.6900, 3.6038,
10.7959

■ 0.0000, 0.0000,
0.0000

■ 201.5160, 4.1826,
11.8255

■ 201.5160, 4.1826,
11.8255

■ 188.6190, 8.0758,
23.1361

■ 215.0000, 0.0000,
0.0000

■ 175.1350, 12.2584,
34.9616

■ 227.8970, -3.8932,
-11.3107

■ 162.2380, 16.1517,
46.2723

■ 239.6200, -7.2077,
-21.5917

■ 148.7540, 20.3343,
58.0977

■ 240.1900, -5.0237,
-22.0916

135.9710, 24.6643,
69.3084

240.6460, -3.2765,
-22.4915

122.4870, 28.8469,
81.1339

241.2160, -1.0925,
-22.9914

109.0030, 33.0295,
92.9594

241.7860, 1.0915,
-23.4913

96.1060, 36.9227,
104.2700

242.3560, 3.2755,
-23.9912

83.2090, 40.8160,
115.5807

242.9260, 5.4595,
-24.4911

Harmonies

Analogous

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



200.6010, 8.5777, 2.1039



201.5160, 4.1826, 11.8255



201.7680, -1.3646, 17.7435

Triad

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



201.5160, 4.1826, 11.8255



199.1830, -10.9362, 7.7325



195.5180, 7.6326, -21.5023

Complementary

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



201.5160, 4.1826, 11.8255



206.4840, -4.1826, -11.8255

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.



195.4490, 2.2436, -19.6878



201.5160, 4.1826, 11.8255



197.3990, -8.5777, -2.1039

Square

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



201.5160, 4.1826, 11.8255



200.1670, -9.9423, 15.6395



196.1850, -4.0352, -12.4402



197.0500, 10.8214, -17.5838

Rectangle

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



201.5160, 4.1826, 11.8255



201.4540, -5.1538, 19.7728



196.1850, -4.0352, -12.4402



195.6490, 5.5960, -21.6172

Sweetspot

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



201.5160, 4.1826, 11.8255



250.0760, 1.4415, 4.3183



197.0030, 8.8725, 0.8744



124.2500, 0.8628, 3.2887



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.



201.5160, 4.1826, 11.8255



236.0050, 5.9135, 16.6586



200.2620, -0.6222, 12.9252



100.3150, 2.3097, 5.8627



66.1770, 32.4507, 91.9298



16.6190, 8.0758, 23.1361

Inverse Universe

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



201.5160, 4.1826, 11.8255



236.0050, 5.9135, 16.6586



207.7380, 0.6222, -12.9252



100.3150, 2.3097, 5.8627



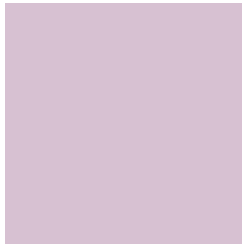
66.1770, 32.4507, 91.9298



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 201.5160, 4.1826, 11.8255 looks on a white background.

Color Contrast Check

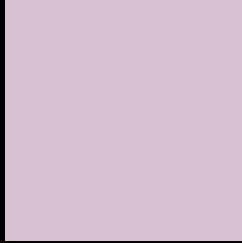
Large Text (above 18pt) WCAG AA × Fail

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 201.5160, 4.1826, 11.8255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

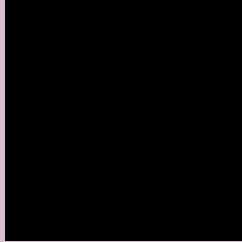
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.5160, 4.1826, 11.8255

Background



This preview shows how black text looks on a background with the YUV color 201.5160, 4.1826, 11.8255.



This preview shows how white text looks on a background with the YUV color 201.5160, 4.1826,

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

201.5160, 4.1826, 11.8255

Protanopia

200.0090, 6.4046, -0.8849

Deuteranopia

201.2170, 4.3300, 11.2107



Tritanopia

201.2880, 3.3090, 12.0254

Trichromacy



Original Color

201.5160, 4.1826, 11.8255

Protanomaly

200.5150, 5.6621, 3.9333

Deuteranomaly

201.2170, 4.3300, 11.2107

Tritanomaly

201.4020, 3.7458, 11.9254

Monochromacy



Original Color

201.5160, 4.1826, 11.8255

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.5160, 4.1826, 11.8255 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(215, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 210)  
}
```

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(215, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 210) }
```

Border

The CSS property to change the border of an element to YUV 201.5160, 4.1826, 11.8255 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(215, 193, 210) }
```


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

```
.border{ border-color:rgb(215, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 201.5160, 4.1826, 11.8255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 210) }
```

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

```
.background{ background-color: rgb(215,  
193, 210) }
```

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