

Converting Colors

YUV(201.9070, 1.0318, -4.3034)

Have a look what the booklet for
YUV(201.9070, 1.0318, -4.3034)
contains.

YUV(201.9070, 1.0318, -4.3034)	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(201.9070, 1.0318,
-4.3034)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CCCC
RGB	197, 204, 204
RGB Percent	77%, 80%, 80%
CMY	0.2275, 0.2000, 0.2000
CMYK	0.03, 0.00, 0.00, 0.20
HSL	180°, 6%, 79%
HSV	180°, 3%, 80%
XYZ	55.5179, 59.4157, 65.6690
YIQ	201.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

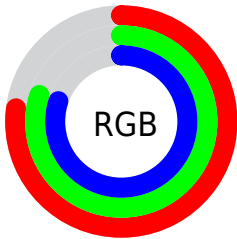
Format	Color
R _Y B	197, 201, 204
Decimal	12963020
CIE Lab	81.52, -2.38, -0.84
CIE LCh	82, 2.527, 199.437
Yxy	59.4157, 0.3074, 0.3290
Android (android.graphics.Color)	4291153100 (0xFFC5CCCC)
YUV	201.9070, 1.0318, -4.3034
Hunter-Lab	77.0816, -6.3283, 3.4455

Details

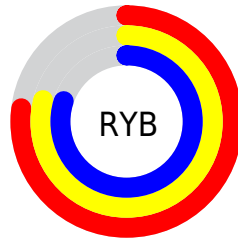
The YUV color $201.9070, 1.0318, -4.3034$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $199.0930, -1.0318, 4.3034$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $147.9070, 1.0318, -4.3034$ is the 20% darker color. If you saturate the color by 10%, you get $195.9270, 3.9800, -16.5990$, and if you desaturate by 10%, it is $207.8870, -1.9163, 7.9921$.

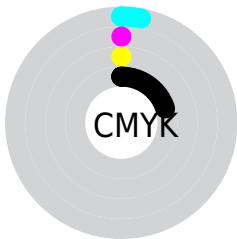
Distribution



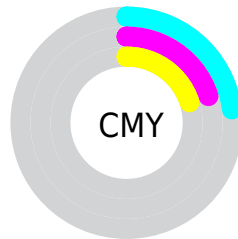
- Red (77%)
- Green (80%)
- Blue (80%)



- Red (77%)
- Yellow (79%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9070, 1.0318, -4.3034 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 201.9070, 1.0318, -4.3034 by changing the saturation by 10% instead.

■ 201.9070, 1.0318,
-4.3034

■ 201.9070, 1.0318,
-4.3034

255.0000, 0.0000,
0.0000

■ 174.9070, 1.0318,
-4.3034

254.7010, 0.1474,
-0.6148

■ 147.9070, 1.0318,
-4.3034

■ 122.2060, 0.8844,
-3.6887

■ 97.2060, 0.8844,
-3.6887

■ 73.2060, 0.8844,
-3.6887

■ 51.2060, 0.8844,
-3.6887

■ 30.2060, 0.8844,

-3.6887

■ 4.9070, 1.0318,
-4.3034

■ 0.0000, 0.0000,
0.0000

■ 201.9070, 1.0318,
-4.3034

■ 201.9070, 1.0318,
-4.3034

■ 195.9270, 3.9800,
-16.5990

■ 207.8870, -1.9163,
7.9921

■ 189.6480, 7.0755,
-29.5093

■ 214.1660, -5.0118,
20.9024

■ 183.6680, 10.0237,
-41.8048

■ 219.2490, -7.5178,
31.3536

■ 177.3890, 13.1192,
-54.7152

■ 171.4090, 16.0674,
-67.0107

■ 165.4290, 19.0155,
-79.3062

■ 159.1500, 22.1110,
-92.2166

■ 153.1700, 25.0592,
-104.5121

■ 146.8910, 28.1547,
-117.4224

Harmonies

Analogous

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



201.9780, 0.0108, -3.4887



201.9070, 1.0318, -4.3034



202.4340, 1.7580, -3.8886

Triad

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



201.9070, 1.0318, -4.3034



203.3530, 1.3050, 1.4444



202.7400, -2.3368, 2.8590

Complementary

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



201.9070, 1.0318, -4.3034



199.0930, -1.0318, 4.3034

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.



202.5660, -1.7580, 3.8886



201.9070, 1.0318, -4.3034



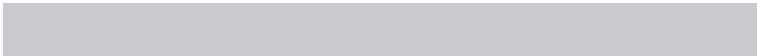
203.0220, -0.0108, 3.4887

Square

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



201.9070, 1.0318, -4.3034



202.5700, 2.1840, -0.4999



203.0930, -1.0318, 4.3034



202.4300, -2.1840, 0.4999

Rectangle

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



201.9070, 1.0318, -4.3034



202.2600, 2.3368, -2.8590



203.0930, -1.0318, 4.3034



202.7400, -2.3368, 2.8590

Sweetspot

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



201.9070, 1.0318, -4.3034



254.1030, 0.4422, -1.8443



201.1090, -2.0257, -3.6036



127.4020, 0.2948, -1.2296



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.



201.9070, 1.0318, -4.3034



252.0100, 1.4741, -6.1478



200.1460, 1.9000, -2.7590



100.5050, 0.7370, -3.0739



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Inverse Universe

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



199.8910, 2.0257, 3.6036



249.1300, 2.8939, 5.1480



201.4410, -2.1894, 2.2442



99.0650, 1.4470, 2.5740



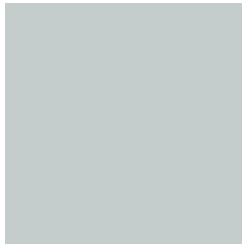
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 201.9070, 1.0318, -4.3034 looks on a white background.

Color Contrast Check

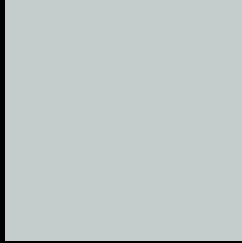
Large Text (above 18pt) WCAG AA × Fail

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 201.9070, 1.0318, -4.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

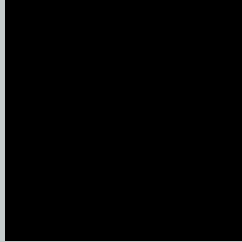
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

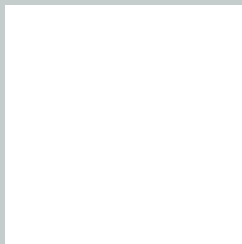
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.9070, 1.0318, -4.3034

Background



This preview shows how black text looks on a background with the YUV color 201.9070, 1.0318, -4.3034.



This preview shows how white text looks on a background with the YUV color 201.9070, 1.0318,

-4.3034.

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

201.9070, 1.0318, -4.3034

Protanopia

202.7230, 0.1366, 2.8739

Deuteranopia

204.3160, 0.8302, 13.7549



Tritanopia

202.9270, 7.4310, -3.4440

Trichromacy



Original Color

201.9070, 1.0318, -4.3034

Protanomaly

202.4130, 0.2894, 0.5148

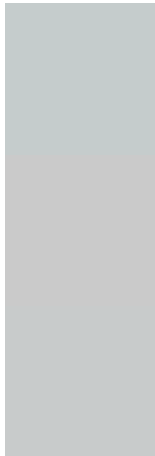
Deuteranomaly

203.5710, 0.7045, 7.3922

Tritanomaly

202.6450, 5.1050, -4.0737

Monochromacy



Original Color

201.9070, 1.0318, -4.3034

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9070, 1.0318, -4.3034 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(197, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 204, 204)  
}
```

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(197, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 204, 204) }
```

Border

The CSS property to change the border of an element to YUV 201.9070, 1.0318, -4.3034 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(197, 204, 204) }
```


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

```
.border{ border-color:rgb(197, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 204,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 201.9070, 1.0318, -4.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 204, 204) }
```

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

```
.background{ background-color: rgb(197,  
204, 204) }
```

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