

Converting Colors

YUV(168.4340, -72.1920,
8.3894)

Have a look what the booklet for
YUV(168.4340, -72.1920, 8.3894)
contains.

YUV(168.4340, -72.1920, 8.3894)	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(168.4340, -72.1920,
8.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C016
RGB	178, 192, 22
RGB Percent	70%, 75%, 9%
CMY	0.3020, 0.2471, 0.9137
CMYK	0.07, 0.00, 0.89, 0.25
HSL	65°, 79%, 42%
HSV	65°, 89%, 75%
XYZ	37.3546, 47.2222, 7.9051
YIQ	168.4340, 46.2260, -55.8380

Conversions

Conversions Part 2

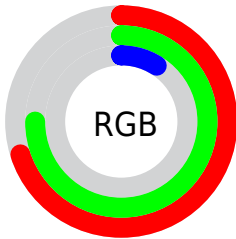
Format	Color
R _Y B	22, 192, 36
Decimal	11714582
CIE Lab	74.33, -23.12, 72.31
CIE LCh	74, 75.915, 107.728
Yxy	47.2222, 0.4039, 0.5106
Android (android.graphics.Color)	4289904662 (0xFFB2C016)
YUV	168.4340, -72.1920, 8.3894
Hunter-Lab	68.7184, -23.2266, 41.2824

Details

The YUV color **168.4340, -72.1920, 8.3894** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed chartreuse. A complement of this color would be **45.5660, 72.1920, -8.3894**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5850, -67.8294, 9.1340**, and **117.7720, -58.0616, 2.8310** is the 20% darker color. If you saturate the color by 10%, you get **165.6700, -80.1963, 9.0594**, and if you desaturate by 10%, it is **171.1980, -64.1876, 7.7194**.

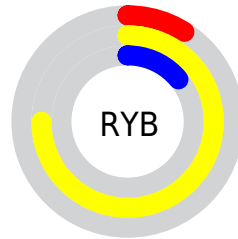
Distribution



Red (70%)

Green (75%)

Blue (9%)



Red (9%)

Yellow (75%)

Blue (14%)

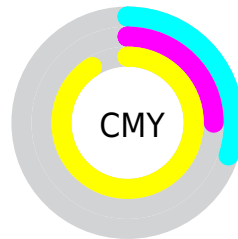


Cyan (7%)

Magenta (0%)

Yellow (89%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4340, -72.1920, 8.3894 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 168.4340, -72.1920, 8.3894 by changing the saturation by 10% instead.

■ 168.4340,
-72.1920, 8.3894

■ 168.4340,
-72.1920, 8.3894

■ 255.0000, 0.0000,
0.0000

■ 141.4060,
-69.7132, 6.6599

■ 226.5850,
-67.8294, 9.1340

■ 117.7720,
-58.0616, 2.8310

■ 239.2680,
-60.2781, 13.7970

■ 94.1380, -46.4100,
-0.9980

■ 242.5740,
-47.6110, 10.8976

■ 71.9770, -35.4847,
-5.2418

■ 245.7660,
-35.3806, 8.0982

■ 49.5170, -24.4119,
-10.1004

■ 249.0720,
-22.7135, 5.1989

■ 28.5300, -14.0653,
-15.3738

■ 252.4920, -9.6096,

■ 14.0880, -6.9454,

2.1995

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 168.4340,
-72.1920, 8.3894

■ 168.4340,
-72.1920, 8.3894

■ 165.6700,
-80.1963, 9.0594

■ 171.1980,
-64.1876, 7.7194

■ 165.3280,
-81.5067, 9.3593

■ 173.6630,
-56.0359, 6.4345

■ 176.5410,
-47.5947, 5.6645

■ 179.0060,
-39.4430, 4.3797

■ 181.7700,
-31.4386, 3.7097

■ 184.2350,
-23.2869, 2.4249

■ 186.9990,
-15.2825, 1.7549

■ 189.8770, -6.8414,
0.9849

■ 192.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



174.1120, -73.5122, 58.6608



168.4340, -72.1920, 8.3894



157.7780, -37.3586, -57.6873

Triad

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



168.4340, -72.1920, 8.3894



152.9270, 50.3220, -134.1170



170.0210, 22.1746, 74.5266

Complementary

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



168.4340, -72.1920, 8.3894



45.5660, 72.1920, -8.3894

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.



185.3470, 34.3389, 46.1767



168.4340, -72.1920, 8.3894



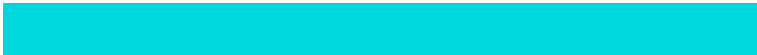
145.8830, 53.7947, -127.9394

Square

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



168.4340, -72.1920, 8.3894



152.2140, 34.8975, -133.4917



169.1590, 42.3196, -40.4814



160.7530, -8.2592, 82.6546

Rectangle

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



168.4340, -72.1920, 8.3894



138.9220, -5.8775, -121.8346



169.1590, 42.3196, -40.4814



176.6380, 29.7585, 68.7235

Sweetspot

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



168.4340, -72.1920, 8.3894



240.4540, -28.8178, 3.1098



79.2870, -28.2425, 98.8493



119.5430, -17.0297, 2.1548



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.4340, -72.1920, 8.3894



215.2210, -106.1040, 12.0842



143.9160, -60.1046, -42.0223



95.5610, -4.2206, 0.3850



138.4600, -68.2608, 7.4896



28.3410, -13.9721, 1.4549

Inverse Universe

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



45.5660, 72.1920, -8.3894



34.7790, 106.1040, -12.0842



70.0840, 60.1046, 42.0223



88.4390, 4.2206, -0.3850



22.2410, 68.4082, -8.1044



4.6590, 13.9721, -1.4549

Previews

White Background



This preview shows how the YUV color 168.4340, -72.1920, 8.3894 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 168.4340, -72.1920, 8.3894 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 168.4340, -72.1920, 8.3894 Background



This preview shows how black text looks on a background with the YUV color 168.4340, -72.1920, 8.3894.



This preview shows how white text looks on a background with the YUV color 168.4340, -72.1920, 8.3894.

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

168.4340, -72.1920, 8.3894

Protanopia

171.1810, -75.0252, 30.5363

Deuteranopia

174.5390, -67.8067, 48.6393



Tritanopia

184.4830, 4.1989, 6.5924

Trichromacy



Original Color

168.4340, -72.1920, 8.3894

Protanomaly

170.0660, -73.9825, 22.7441

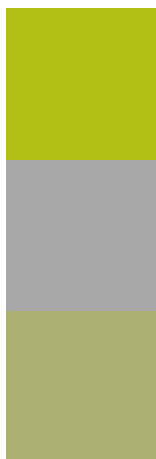
Deuteranomaly

172.3970, -69.2157, 33.8548

Tritanomaly

178.8550, -23.5925, 7.1432

Monochromacy



Original Color

168.4340, -72.1920, 8.3894

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.4370, -26.3444, 3.1248

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4340, -72.1920, 8.3894 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(178, 192, 22)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 22)  
}
```

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(178, 192, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 22) }
```

Border

The CSS property to change the border of an element to YUV 168.4340, -72.1920, 8.3894 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(178, 192, 22) }
```


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

```
.border{ border-color:rgb(178, 192, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 192, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 22);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 168.4340, -72.1920, 8.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 22) }
```

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

```
.background{ background-color: rgb(178,  
192, 22) }
```

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