

Converting Colors

YUV(185.0360, -68.5447,
5.2304)

Have a look what the booklet for
YUV(185.0360, -68.5447, 5.2304)
contains.

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Color

**YUV(185.0360, -68.5447,
5.2304)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD12E
RGB	191, 209, 46
RGB Percent	75%, 82%, 18%
CMY	0.2510, 0.1804, 0.8196
CMYK	0.09, 0.00, 0.78, 0.18
HSL	67°, 64%, 50%
HSV	67°, 78%, 82%
XYZ	44.7795, 56.8746, 11.2025
YIQ	185.0360, 41.5950, -54.5090

Conversions

Conversions Part 2

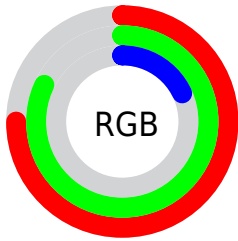
Format	Color
R_YB	46, 209, 64
Decimal	12570926
CIE Lab	80.11, -25.20, 71.99
CIE LCh	80, 76.273, 109.295
Yxy	56.8746, 0.3968, 0.5040
Android (android.graphics.Color)	4290761006 (0xFFBFD12E)
YUV	185.0360, -68.5447, 5.2304
Hunter-Lab	75.4152, -25.9883, 43.9834

Details

The YUV color **185.0360, -68.5447, 5.2304** 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 **69.9640, 68.5447, -5.2304**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8180, -64.4933, 12.4376**, and **130.7520, -64.4607, 1.9715** is the 20% darker color. If you saturate the color by 10%, you get **182.0440, -77.4227, 6.1004**, and if you desaturate by 10%, it is **188.0280, -59.6668, 4.3604**.

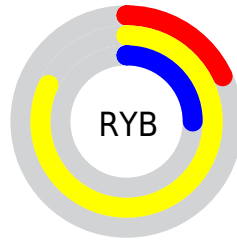
Distribution



Red (75%)

Green (82%)

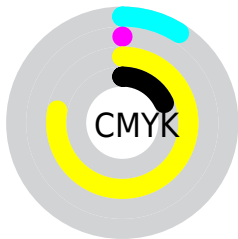
Blue (18%)



Red (18%)

Yellow (82%)

Blue (25%)

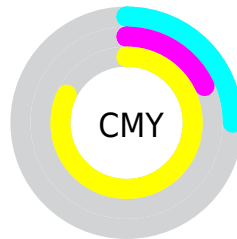


Cyan (9%)

Magenta (0%)

Yellow (78%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.0360, -68.5447, 5.2304 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 185.0360, -68.5447, 5.2304 by changing the saturation by 10% instead.

■ 185.0360,
-68.5447, 5.2304

■ 185.0360,
-68.5447, 5.2304

■ 255.0000, 0.0000,
0.0000

■ 154.6850,
-76.2597, 6.4153

■ 236.8180,
-64.4933, 12.4376

■ 130.7520,
-64.4607, 1.9715

■ 241.2060,
-52.8526, 12.0973

■ 107.1180,
-52.8092, -1.8575

■ 244.5120,
-40.1854, 9.1980

■ 84.3700, -41.5944,
-5.5865

■ 247.7040,
-27.9551, 6.3986

■ 61.9100, -30.5216,
-10.4451

■ 251.1240,
-14.8511, 3.3993

■ 40.3360, -19.8856,
-15.2037

■ 254.4300, -2.1840,

■ 20.5450, -10.1287,

0.4999

-18.0180

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 185.0360,
-68.5447, 5.2304

■ 185.0360,
-68.5447, 5.2304

■ 182.0440,
-77.4227, 6.1004

■ 188.0280,
-59.6668, 4.3604

■ 178.7530,
-86.1532, 6.3556

■ 191.3190,
-50.9363, 4.1052

■ 178.2970,
-87.9004, 6.7555

■ 194.3110,
-42.0583, 3.2353

■ 197.3030,
-33.1804, 2.3653

■ 200.5940,
-24.4498, 2.1101

■ 203.4720,
-16.0087, 1.3401

■ 206.4640, -7.1308,
0.4701

■ 209.4560, 1.7472,
-0.3999

■ 212.7470, 10.4777,
-0.6551

Harmonies

Analogous

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



190.4430, -72.1964, 56.6165



185.0360, -68.5447, 5.2304



173.6850, -36.3267, -61.9907

Triad

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



185.0360, -68.5447, 5.2304



162.9060, 45.4023, -142.8686



180.7810, 22.7860, 65.0901

Complementary

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



185.0360, -68.5447, 5.2304



69.9640, 68.5447, -5.2304

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.



198.6480, 27.7815, 49.4207



185.0360, -68.5447, 5.2304



154.6880, 49.4538, -135.6614

Square

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



185.0360, -68.5447, 5.2304



164.0000, 39.4400, -143.8280



185.4500, 34.2882, -31.0896



172.1000, -7.9373, 72.7033

Rectangle

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



185.0360, -68.5447, 5.2304



150.9530, -2.9348, -132.3858



185.4500, 34.2882, -31.0896



187.0390, 31.5328, 59.6018

Sweetspot

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



185.0360, -68.5447, 5.2304



246.4800, -24.8866, 2.2100



104.1290, -28.6576, 91.9719



122.7000, -15.1351, 1.1401



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.



185.0360, -68.5447, 5.2304



219.8660, -100.9989, 8.0105



161.1160, -56.7522, -43.9517



103.1480, -4.5100, -0.1298



143.4660, -70.7287, 5.7303



34.8310, -17.1717, 1.0252

Inverse Universe

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



69.9640, 68.5447, -5.2304



50.4330, 100.8515, -7.3957



93.8840, 56.7522, 43.9517



95.5530, 4.6574, -0.4850



24.8330, 70.5813, -5.1155



6.1690, 17.1717, -1.0252

Previews

White Background



This preview shows how the YUV color 185.0360, -68.5447, 5.2304 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 185.0360, -68.5447, 5.2304 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 185.0360, -68.5447, 5.2304

Background



This preview shows how black text looks on a background with the YUV color 185.0360, -68.5447, 5.2304.



This preview shows how white text looks on a background with the YUV color 185.0360, -68.5447, 5.2304.

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

185.0360, -68.5447, 5.2304

Protanopia

188.3920, -71.6783, 30.3512

Deuteranopia

191.1910, -66.6492, 50.6985



Tritanopia

199.9990, 4.9305, 5.2629

Trichromacy



Original Color

185.0360, -68.5447, 5.2304

Protanomaly

187.2660, -70.6301, 20.8147

Deuteranomaly

189.1520, -67.6159, 34.0697

Tritanomaly

194.5990, -21.9873, 5.6137

Monochromacy



Original Color

185.0360, -68.5447, 5.2304

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0670, -25.1760, 1.6952

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.0360, -68.5447, 5.2304 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(191, 209, 46)` looks like.

```
.text, #text, p{  
    color:rgb(191, 209, 46)  
}
```

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(191, 209, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 209, 46) }
```

Border

The CSS property to change the border of an element to YUV 185.0360, -68.5447, 5.2304 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(191, 209, 46) }
```


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

```
.border{ border-color:rgb(191, 209, 46) }
```

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

Here you see how a box with a 4 pixel rgb(191, 209, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 209, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 209, 46);  
box-shadow:4px 4px 4px 4px rgb(191, 209,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 185.0360, -68.5447, 5.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 209, 46) }
```

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

```
.background{ background-color: rgb(191,  
209, 46) }
```

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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