

Converting Colors

YUV(184.9290, -35.9540,
5.3243)

Have a look what the booklet for
YUV(184.9290, -35.9540, 5.3243)
contains.

YUV(184.9290, -35.9540, 5.3243)	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(184.9290, -35.9540,
5.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC470
RGB	191, 196, 112
RGB Percent	75%, 77%, 44%
CMY	0.2510, 0.2314, 0.5608
CMYK	0.03, 0.00, 0.43, 0.23
HSL	64°, 42%, 60%
HSV	64°, 43%, 77%
XYZ	44.1504, 51.7261, 22.9864
YIQ	184.9290, 23.9840, -27.1840

Conversions

Conversions Part 2

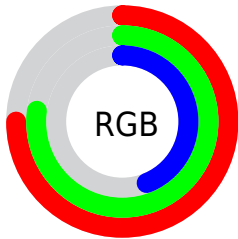
Format	Color
RYB	112, 196, 117
Decimal	12567664
CIELab	77.12, -14.14, 41.46
CIELCh	77, 43.802, 108.827
Yxy	51.7261, 0.3714, 0.4352
Android (android.graphics.Color)	4290757744 (0xFFBFC470)
YUV	184.9290, -35.9540, 5.3243
Hunter-Lab	71.9208, -16.2848, 31.3951

Details

The YUV color $184.9290, -35.9540, 5.3243$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $123.0710, 35.9540, -5.3243$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.7720, -37.8486, 6.3390$, and $131.0860, -34.0594, 4.3096$ is the 20% darker color. If you saturate the color by 10%, you get $182.3500, -44.5425, 6.7091$, and if you desaturate by 10%, it is $187.5080, -27.3654, 3.9395$.

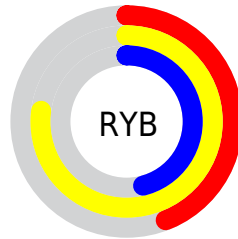
Distribution



Red (75%)

Green (77%)

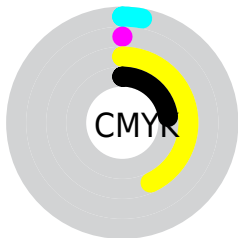
Blue (44%)



Red (44%)

Yellow (77%)

Blue (46%)

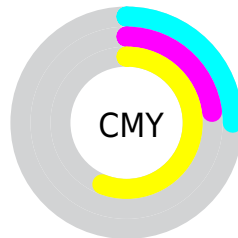


Cyan (3%)

Magenta (0%)

Yellow (43%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.9290, -35.9540, 5.3243 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 184.9290, -35.9540, 5.3243 by changing the saturation by 10% instead.

■ 184.9290,
-35.9540, 5.3243

■ 184.9290,
-35.9540, 5.3243

255.0000, 0.0000,
0.0000

■ 157.8580,
-34.9330, 4.5095

■ 241.7720,
-37.8486, 6.3390

■ 131.0860,
-34.0594, 4.3096

■ 247.9320,
-27.0815, 6.1986

■ 105.4880,
-33.7646, 3.0800

■ 251.1240,
-14.8511, 3.3993

■ 80.1460, -35.0750,
3.3800

■ 254.4300, -2.1840,
0.4999

■ 58.1440, -28.6650,
0.7507

■ 38.0540, -18.7606,
-2.6784

■ 16.7460, -8.2558,

-12.0552

■ 0.0000, 0.0000,
0.0000

■ 184.9290,
-35.9540, 5.3243

■ 184.9290,
-35.9540, 5.3243

■ 182.3500,
-44.5425, 6.7091

■ 187.5080,
-27.3654, 3.9395

■ 179.8850,
-52.6943, 7.9939

■ 189.9730,
-19.2137, 2.6547

■ 177.3060,
-61.2829, 9.3786

■ 192.8510,
-10.7725, 1.8847

■ 174.5420,
-69.2872, 10.0487

■ 195.3160, -2.6208,
0.5999

■ 171.9630,
-77.8758, 11.4334

■ 197.8950, 5.9678,
-0.7849

■ 170.0680,
-83.8435, 12.2184

■ 200.4740, 14.5563,
-2.1697

■ 202.9390, 22.7081,
-3.4545

■ 203.9220, 25.1815,
-3.4396

■ 204.5200, 24.8866,
-2.2100

Harmonies

Analogous

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



188.8450, -38.3776, 36.0929



184.9290, -35.9540, 5.3243



179.7810, -21.5840, -30.5029

Triad

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



184.9290, -35.9540, 5.3243



150.5960, 49.0062, -132.0727



193.7630, 6.5258, 53.7048

Complementary

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



184.9290, -35.9540, 5.3243



123.0710, 35.9540, -5.3243

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.



195.7670, 23.7789, 26.5143



184.9290, -35.9540, 5.3243



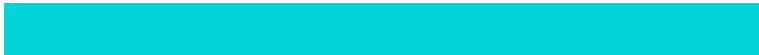
175.7830, 39.0540, -66.4617

Square

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



184.9290, -35.9540, 5.3243



148.9540, 32.5607, -130.6327



189.6800, 32.2028, -15.5054



188.5020, -11.0935, 58.3187

Rectangle

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



184.9290, -35.9540, 5.3243



174.1010, -6.9518, -57.0936



189.6800, 32.2028, -15.5054



195.9240, 12.3625, 48.3017

Sweetspot

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



184.9290, -35.9540, 5.3243



250.6400, -14.1195, 2.0697



139.4640, -13.5398, 49.5821



125.0080, -8.8779, 0.8700



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.



184.9290, -35.9540, 5.3243



237.7880, -55.6045, 8.0789



172.6700, -29.9103, -19.8816



95.5610, -4.2206, 0.3850



139.6560, -68.8504, 9.9487



28.6400, -14.1195, 2.0697

Inverse Universe

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



123.0710, 35.9540, -5.3243



142.2120, 55.6045, -8.0789



135.3300, 29.9103, 19.8816



88.4390, 4.2206, -0.3850



21.3440, 68.8504, -9.9487



4.3600, 14.1195, -2.0697

Previews

White Background



This preview shows how the YUV color 184.9290, -35.9540, 5.3243 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 184.9290, -35.9540, 5.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

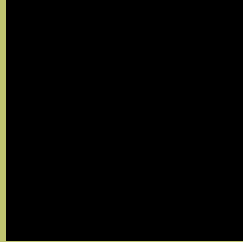
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.9290, -35.9540, 5.3243

Background



This preview shows how black text looks on a background with the YUV color 184.9290, -35.9540, 5.3243.



This preview shows how white text looks on a background with the YUV color 184.9290, -35.9540, 5.3243.

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

184.9290, -35.9540, 5.3243

Protanopia

186.5610, -37.7446, 19.6790

Deuteranopia

189.0130, -36.4884, 36.8226



Tritanopia

192.0810, 3.9041, 7.8220

Trichromacy



Original Color

184.9290, -35.9540, 5.3243

Protanomaly

185.7560, -36.8547, 14.2460

Deuteranomaly

187.3490, -36.1611, 25.1269

Tritanomaly

189.5850, -10.6414, 6.5030

Monochromacy



Original Color

184.9290, -35.9540, 5.3243

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.8680, -13.2459, 1.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.9290, -35.9540, 5.3243 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, 196, 112)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 112)  
}
```

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, 196, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 112) }
```

Border

The CSS property to change the border of an element to YUV 184.9290, -35.9540, 5.3243 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, 196, 112) }
```


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

```
.border{ border-color:rgb(191, 196, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 196, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 112);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 184.9290, -35.9540, 5.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 112) }
```

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

```
.background{ background-color: rgb(191,  
196, 112) }
```

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