

Converting Colors

YUV(186.2760, -35.6321,
-4.6271)

Have a look what the booklet for
YUV(186.2760, -35.6321, -4.6271)
contains.

YUV(186.2760, -35.6321, -4.6271)	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(186.2760, -35.6321,
-4.6271)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CB72
RGB	181, 203, 114
RGB Percent	71%, 80%, 45%
CMY	0.2902, 0.2039, 0.5529
CMYK	0.11, 0.00, 0.44, 0.20
HSL	75°, 46%, 62%
HSV	75°, 44%, 80%
XYZ	43.4493, 53.7505, 24.0045
YIQ	186.2760, 15.4570, -32.3430

Conversions

Conversions Part 2

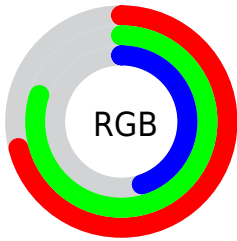
Format	Color
RYB	114, 203, 136
Decimal	11914098
CIELab	78.32, -21.37, 41.79
CIElCh	78, 46.938, 117.077
Yxy	53.7505, 0.3585, 0.4435
Android (android.graphics.Color)	4290104178 (0xFFB5CB72)
YUV	186.2760, -35.6321, -4.6271
Hunter-Lab	73.3148, -22.5146, 31.9078

Details

The YUV color $186.2760, -35.6321, -4.6271$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $130.7240, 35.6321, 4.6271$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.8850, -35.9323, -1.6531$, and $132.6180, -34.3217, -4.9270$ is the 20% darker color. If you saturate the color by 10%, you get $182.5010, -43.6310, -5.7014$, and if you desaturate by 10%, it is $190.0510, -27.6331, -3.5527$.

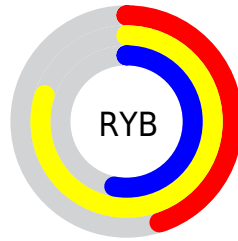
Distribution



Red (71%)

Green (80%)

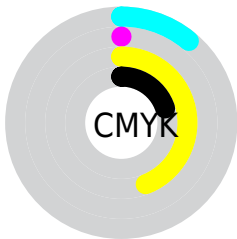
Blue (45%)



Red (45%)

Yellow (80%)

Blue (53%)

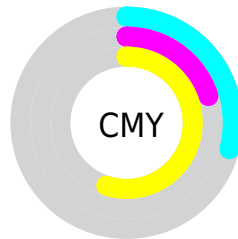


Cyan (11%)

Magenta (0%)

Yellow (44%)

Black (20%)



Cyan (29%)

Magenta (20%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2760, -35.6321, -4.6271 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 186.2760, -35.6321, -4.6271 by changing the saturation by 10% instead.

■ 186.2760,
-35.6321, -4.6271

■ 186.2760,
-35.6321, -4.6271

255.0000, 0.0000,
0.0000

■ 159.0910,
-35.0479, -5.3418

■ 239.8850,
-35.9323, -1.6531

■ 132.6180,
-34.3217, -4.9270

■ 248.1600,
-26.2079, 5.9987

■ 106.4330,
-33.7375, -5.6417

■ 251.3520,
-13.9775, 3.1993

■ 81.2050, -34.6111,
-5.4418

254.6580, -1.3104,
0.2999

■ 58.3880, -28.7853,
-7.3563

■ 37.7110, -18.5915,
-10.2705

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 186.2760,
-35.6321, -4.6271

■ 186.2760,
-35.6321, -4.6271

■ 182.5010,
-43.6310, -5.7014

■ 190.0510,
-27.6331, -3.5527

■ 178.6120,
-52.0667, -6.6757

■ 193.9400,
-19.1974, -2.5784

■ 174.8370,
-60.0656, -7.7500

■ 197.7150,
-11.1985, -1.5041

■ 171.0620,
-68.0646, -8.8244

■ 201.4900, -3.1996,
-0.4297

■ 167.1730,
-76.5003, -9.7987

■ 205.3790, 5.2362,
0.5446

■ 164.9080,
-81.2996, -10.4433

■ 209.1540, 13.2351,
1.6189

■ 212.8150, 20.7972,
2.7932

■ 214.3100, 20.0602,
5.8671

■ 215.8050, 19.3231,
8.9410

Harmonies

Analogous

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



190.7750, -42.2871, 30.0153



186.2760, -35.6321, -4.6271



179.5450, -17.0307, -44.3280

Triad

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



186.2760, -35.6321, -4.6271



152.3400, 50.6114, -133.6022



192.3780, 3.7576, 54.9195

Complementary

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



186.2760, -35.6321, -4.6271



130.7240, 35.6321, 4.6271

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.



199.1600, 21.1201, 39.3247



186.2760, -35.6321, -4.6271



180.8660, 36.5481, -56.0105

Square

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



186.2760, -35.6321, -4.6271



153.2400, 38.8287, -134.3915



194.4860, 29.8334, -2.1802



189.1230, -16.3296, 57.7741

Rectangle

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



186.2760, -35.6321, -4.6271



171.6410, 0.6700, -75.1072



194.4860, 29.8334, -2.1802



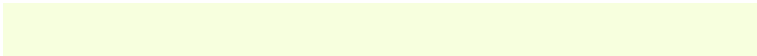
195.1480, 9.2940, 52.4902

Sweetspot

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



186.2760, -35.6321, -4.6271



248.8460, -13.2351, -1.6189



152.9380, -19.1964, 43.9044



123.8120, -8.2883, -1.5891



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.



186.2760, -35.6321, -4.6271



229.7430, -54.1033, -6.7906



173.4190, -29.2936, -31.0625



99.9630, -3.9258, -0.8446



134.8170, -66.4648, -8.6095



30.9770, -15.2717, -1.7338

Inverse Universe

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



130.7240, 35.6321, 4.6271



145.2570, 54.1033, 6.7906



143.5810, 29.2936, 31.0625



93.7380, 4.0732, 0.2298



31.1830, 66.4648, 8.6095



7.0230, 15.2717, 1.7338

Previews

White Background



This preview shows how the YUV color 186.2760, -35.6321, -4.6271 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 186.2760, -35.6321, -4.6271 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 186.2760, -35.6321, -4.6271 Background



This preview shows how black text looks on a background with the YUV color 186.2760, -35.6321, -4.6271.



This preview shows how white text looks on a background with the YUV color 186.2760, -35.6321, -4.6271.

-4.6271.

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

186.2760, -35.6321, -4.6271

Protanopia

189.3330, -38.6182, 19.8790

Deuteranopia

192.0130, -36.4884, 36.8226



Tritanopia

194.0090, 6.4046, -0.8849

Trichromacy



Original Color

186.2760, -35.6321, -4.6271

Protanomaly

188.5060, -37.7175, 10.9572

Deuteranomaly

190.3270, -36.1502, 21.6382

Tritanomaly

191.2850, -9.0145, -2.0039

Monochromacy



Original Color

186.2760, -35.6321, -4.6271

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9600, -12.7983, -1.7189

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2760, -35.6321, -4.6271 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(181, 203, 114)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 114)  
}
```

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(181, 203, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 114) }
```

Border

The CSS property to change the border of an element to YUV 186.2760, -35.6321, -4.6271 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(181, 203, 114) }
```


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

```
.border{ border-color:rgb(181, 203, 114) }
```

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

Here you see how a box with a 4 pixel rgb(181, 203, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 114);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 186.2760, -35.6321, -4.6271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 114) }
```

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

```
.background{ background-color: rgb(181,  
203, 114) }
```

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