

Converting Colors

YUV(178.4670, -35.2332,
7.4834)

Have a look what the booklet for
YUV(178.4670, -35.2332, 7.4834)
contains.

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Color

**YUV(178.4670, -35.2332,
7.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBC6B
RGB	187, 188, 107
RGB Percent	73%, 74%, 42%
CMY	0.2667, 0.2627, 0.5804
CMYK	0.01, 0.00, 0.43, 0.26
HSL	61°, 38%, 58%
HSV	61°, 43%, 74%
XYZ	41.1306, 47.5928, 20.9284
YIQ	178.4670, 25.4050, -25.4030

Conversions

Conversions Part 2

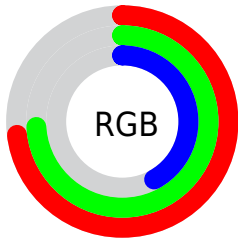
Format	Color
RYB	107, 188, 108
Decimal	12303467
CIELab	74.57, -12.18, 40.73
CIELCh	75, 42.512, 106.656
Yxy	47.5928, 0.3751, 0.4340
Android (android.graphics.Color)	4290493547 (0xFFBBBC6B)
YUV	178.4670, -35.2332, 7.4834
Hunter-Lab	68.9875, -14.3059, 30.3047

Details

The YUV color $178.4670, -35.2332, 7.4834$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $116.5330, 35.2332, -7.4834$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.4240, -36.6910, 8.3982$, and $125.2110, -33.6280, 5.9540$ is the 20% darker color. If you saturate the color by 10%, you get $176.3010, -43.5324, 9.3830$, and if you desaturate by 10%, it is $180.6330, -26.9341, 5.5839$.

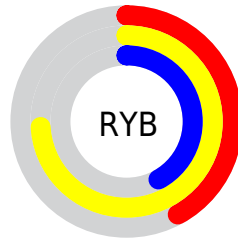
Distribution



Red (73%)

Green (74%)

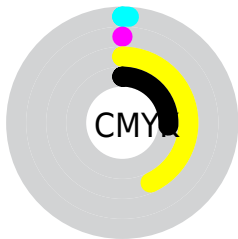
Blue (42%)



Red (42%)

Yellow (74%)

Blue (42%)

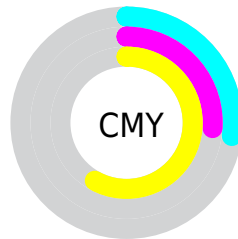


Cyan (1%)

Magenta (0%)

Yellow (43%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4670, -35.2332, 7.4834 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 178.4670, -35.2332, 7.4834 by changing the saturation by 10% instead.

■ 178.4670,
-35.2332, 7.4834

■ 178.4670,
-35.2332, 7.4834

255.0000, 0.0000,
0.0000

■ 151.3960,
-34.2122, 6.6687

■ 234.4240,
-36.6910, 8.3982

■ 125.2110,
-33.6280, 5.9540

■ 247.2480,
-29.7023, 6.7985

■ 99.9120, -33.4806,
5.3392

■ 250.4400,
-17.4719, 3.9991

■ 74.2710, -34.6436,
5.0243

■ 253.7460, -4.8048,
1.0998

■ 53.1380, -26.1970,
2.5100

■ 33.3360, -16.4346,
-2.0487

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 178.4670,
-35.2332, 7.4834

■ 178.4670,
-35.2332, 7.4834

■ 176.3010,
-43.5324, 9.3830

■ 180.6330,
-26.9341, 5.5839

■ 174.1350,
-51.8316, 11.2826

■ 182.7990,
-18.6349, 3.6843

■ 171.7840,
-59.5465, 12.4674

■ 185.1500,
-10.9199, 2.4995

■ 169.6180,
-67.8457, 14.3670

■ 187.3160, -2.6208,
0.5999

■ 167.4520,
-76.1448, 16.2666

■ 189.4820, 5.6784,
-1.2997

■ 165.9700,
-81.8232, 17.5663

■ 191.6480, 13.9775,
-3.1993

■ 194.1130, 22.1293,
-4.4841

■ 195.9370, 29.1181,
-6.0837

Harmonies

Analogous

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



181.8990, -36.9252, 36.9226



178.4670, -35.2332, 7.4834



173.5750, -22.4685, -26.8143

Triad

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



178.4670, -35.2332, 7.4834



145.2330, 46.2271, -127.3693



188.2790, 7.2575, 52.3753

Complementary

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



178.4670, -35.2332, 7.4834



116.5330, 35.2332, -7.4834

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.



188.1580, 24.0791, 23.5404



178.4670, -35.2332, 7.4834



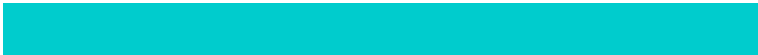
169.5700, 42.1170, -68.9059

Square

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



178.4670, -35.2332, 7.4834



143.1180, 30.5078, -125.5145



182.8690, 35.5606, -19.1791



184.6380, -10.6675, 61.7075

Rectangle

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



178.4670, -35.2332, 7.4834



168.3790, -8.5678, -52.0754



182.8690, 35.5606, -19.1791



188.4290, 13.0995, 45.2278

Sweetspot

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



178.4670, -35.2332, 7.4834



241.0530, -13.8301, 2.5845



131.2190, -11.9400, 49.7969



119.8340, -8.2992, 1.8996



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



178.4670, -35.2332, 7.4834



229.9240, -55.1785, 11.4677



166.8060, -29.4844, -16.4929



92.9740, -3.9312, 0.8998



139.3900, -68.7193, 14.5670



27.1670, -13.3933, 2.4845

Inverse Universe

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



116.5330, 35.2332, -7.4834



132.7770, 55.3259, -12.0824



128.4930, 29.3370, 17.1076



86.0260, 3.9312, -0.8998



18.6100, 68.7193, -14.5670



3.5340, 13.5407, -3.0993

Previews

White Background



This preview shows how the YUV color 178.4670, -35.2332, 7.4834 looks on a white background.

Color Contrast Check

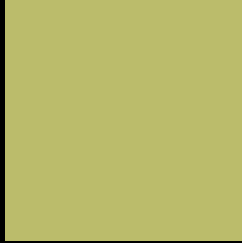
Large Text (above 18pt) WCAG AA × Fail

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 178.4670, -35.2332, 7.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

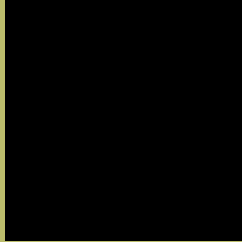
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.4670, -35.2332, 7.4834

Background



This preview shows how black text looks on a background with the YUV color 178.4670, -35.2332, 7.4834.



This preview shows how white text looks on a background with the YUV color 178.4670, -35.2332, 7.4834.

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

178.4670, -35.2332, 7.4834

Protanopia

179.4900, -36.7236, 18.8643

Deuteranopia

181.6430, -35.3200, 35.3931



Tritanopia

184.9780, 3.4618, 9.6663

Trichromacy



Original Color

178.4670, -35.2332, 7.4834

Protanomaly

179.2830, -36.1285, 14.6608

Deuteranomaly

180.5770, -35.2875, 24.9270

Tritanomaly

182.8950, -10.7942, 8.8621

Monochromacy



Original Color

178.4670, -35.2332, 7.4834

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2810, -12.9565, 2.3846

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4670, -35.2332, 7.4834 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(187, 188, 107)` looks like.

```
.text, #text, p{  
    color:rgb(187, 188, 107)  
}
```

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(187, 188, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 188, 107) }
```

Border

The CSS property to change the border of an element to YUV 178.4670, -35.2332, 7.4834 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(187, 188, 107) }
```


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

```
.border{ border-color:rgb(187, 188, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 188, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 188, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 188, 107); box-shadow:4px 4px 4px 4px rgb(187, 188, 107) }
```

Background

The CSS property to change the background color of an element to YUV 178.4670, -35.2332, 7.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 188, 107) }
```

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

```
.background{ background-color: rgb(187,  
188, 107) }
```

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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