

Converting Colors

YUV(176.6130, -33.3332,
4.7244)

Have a look what the booklet for
YUV(176.6130, -33.3332, 4.7244)
contains.

YUV(176.6130, -33.3332, 4.7244)	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(176.6130, -33.3332,
4.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BB6D
RGB	182, 187, 109
RGB Percent	71%, 73%, 43%
CMY	0.2863, 0.2667, 0.5725
CMYK	0.03, 0.00, 0.42, 0.27
HSL	64°, 36%, 58%
HSV	64°, 42%, 73%
XYZ	39.8220, 46.5899, 21.3619
YIQ	176.6130, 22.0580, -25.3180

Conversions

Conversions Part 2

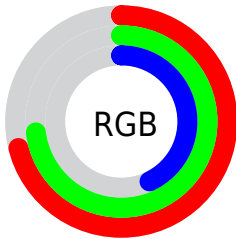
Format	Color
RYB	109, 187, 114
Decimal	11975533
CIELab	73.93, -13.48, 38.83
CIELCh	74, 41.105, 109.140
Yxy	46.5899, 0.3695, 0.4323
Android (android.graphics.Color)	4290165613 (0xFFB6BB6D)
YUV	176.6130, -33.3332, 4.7244
Hunter-Lab	68.2568, -15.3097, 29.2241

Details

The YUV color **176.6130, -33.3332, 4.7244** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **119.3870, 33.3332, -4.7244**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5700, -34.7910, 5.6391**, and **123.6560, -31.8754, 3.8097** is the 20% darker color. If you saturate the color by 10%, you get **174.1480, -41.4850, 6.0092**, and if you desaturate by 10%, it is **179.0780, -25.1815, 3.4396**.

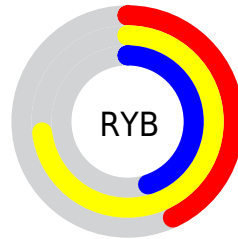
Distribution



Red (71%)

Green (73%)

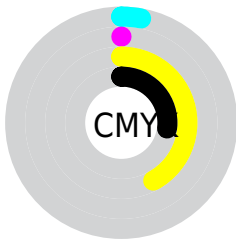
Blue (43%)



Red (43%)

Yellow (73%)

Blue (45%)

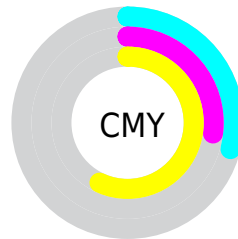


Cyan (3%)

Magenta (0%)

Yellow (42%)

Black (27%)



Cyan (29%)

Magenta (27%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.6130, -33.3332, 4.7244 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 176.6130, -33.3332, 4.7244 by changing the saturation by 10% instead.

■ 176.6130,
-33.3332, 4.7244

■ 176.6130,
-33.3332, 4.7244

■ 255.0000, 0.0000,
0.0000

■ 149.5420,
-32.3122, 3.9097

■ 232.5700,
-34.7910, 5.6391

■ 123.6560,
-31.8754, 3.8097

■ 247.4760,
-28.8287, 6.5985

■ 98.1720, -31.1438,
2.4802

■ 250.6680,
-16.5983, 3.7992

■ 72.9440, -32.0174,
2.6801

■ 253.9740, -3.9312,
0.8998

■ 51.3550, -25.3180,
0.5657

■ 31.8520, -15.7030,
-3.3782

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 176.6130,
-33.3332, 4.7244

■ 176.6130,
-33.3332, 4.7244

■ 174.1480,
-41.4850, 6.0092

■ 179.0780,
-25.1815, 3.4396

■ 171.7970,
-49.1999, 7.1940

■ 181.4290,
-17.4665, 2.2548

■ 169.0330,
-57.2043, 7.8641

■ 184.1930, -9.4621,
1.5847

■ 166.5680,
-65.3560, 9.1489

■ 186.6580, -1.3104,
0.2999

■ 164.1030,
-73.5078, 10.4337

■ 189.1230, 6.8414,
-0.9849

■ 162.0940,
-79.9123, 11.3186

■ 191.4740, 14.5563,
-2.1697

■ 193.9390, 22.7081,
-3.4545

■ 196.2470, 28.9652,
-3.7246

■ 196.5460, 28.8178,
-3.1098

Harmonies

Analogous

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



180.1050, -36.0408, 33.2339



176.6130, -33.3332, 4.7244



171.5470, -19.9897, -28.5437

Triad

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



176.6130, -33.3332, 4.7244



146.0490, 45.3318, -120.1920



185.8230, 5.5103, 52.7752

Complementary

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



176.6130, -33.3332, 4.7244



119.3870, 33.3332, -4.7244

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.



186.5990, 21.8897, 25.7847



176.6130, -33.3332, 4.7244



170.5000, 41.6585, -61.8285

Square

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



176.6130, -33.3332, 4.7244



146.1300, 29.0229, -115.8780



182.3750, 34.8181, -14.3609



184.1820, -12.4147, 62.1074

Rectangle

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



176.6130, -33.3332, 4.7244



166.6500, -6.2365, -53.1901



182.3750, 34.8181, -14.3609



186.5600, 11.0629, 45.1129

Sweetspot

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



176.6130, -33.3332, 4.7244



237.8680, -13.2459, 1.8698



134.6700, -12.6553, 45.8934



119.5350, -8.1518, 1.2848



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.



176.6130, -33.3332, 4.7244



225.8140, -51.6733, 7.1791



165.2510, -27.7317, -18.6371



92.9740, -3.9312, 0.8998



136.9980, -67.5400, 9.6488



26.8680, -13.2459, 1.8698

Inverse Universe

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



119.3870, 33.3332, -4.7244



137.1860, 51.6733, -7.1791



130.7490, 27.7317, 18.6371



86.3250, 3.7838, -0.2850



21.0020, 67.5400, -9.6488



4.1320, 13.2459, -1.8698

Previews

White Background



This preview shows how the YUV color 176.6130, -33.3332, 4.7244 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 176.6130, -33.3332, 4.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

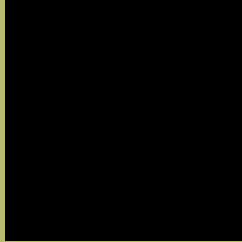
Any Text WCAG AA ✓ Pass

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 176.6130, -33.3332, 4.7244 Background



This preview shows how black text looks on a background with the YUV color 176.6130, -33.3332, 4.7244.



This preview shows how white text looks on a background with the YUV color 176.6130, -33.3332, 4.7244.

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

176.6130, -33.3332, 4.7244

Protanopia

178.5330, -35.2658, 17.9496

Deuteranopia

180.0990, -33.5728, 34.9932



Tritanopia

183.0810, 3.9041, 7.8220

Trichromacy



Original Color

176.6130, -33.3332, 4.7244

Protanomaly

178.0270, -34.5233, 13.1313

Deuteranomaly

178.7340, -33.3929, 23.9123

Tritanomaly

180.8130, -9.7678, 6.3030

Monochromacy



Original Color

176.6130, -33.3332, 4.7244

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0960, -12.3723, 1.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6130, -33.3332, 4.7244 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(182, 187, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 109)  
}
```

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(182, 187, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 109) }
```

Border

The CSS property to change the border of an element to YUV 176.6130, -33.3332, 4.7244 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(182, 187, 109) }
```


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

```
.border{ border-color:rgb(182, 187, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 176.6130, -33.3332, 4.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 109) }
```

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

```
.background{ background-color: rgb(182,  
187, 109) }
```

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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