

Converting Colors

YUV(175.1250, -33.5856,
-54.4836)

Have a look what the booklet for
YUV(175.1250, -33.5856, -54.4836)
contains.

YUV(175.1250, -33.5856, -54.4836)	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(175.1250, -33.5856,
-54.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	71DC6B
RGB	113, 220, 107
RGB Percent	44%, 86%, 42%
CMY	0.5569, 0.1373, 0.5804
CMYK	0.49, 0.00, 0.51, 0.14
HSL	117°, 62%, 64%
HSV	117°, 51%, 86%
XYZ	35.0571, 55.7586, 22.8247
YIQ	175.1250, -27.4990, -57.8270

Conversions

Conversions Part 2

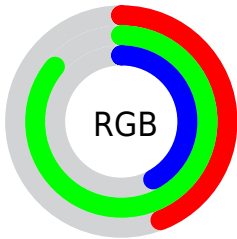
Format	Color
RYB	107, 220, 214
Decimal	7461995
CIELab	79.48, -52.96, 45.81
CIElCh	79, 70.020, 139.142
Yxy	55.7586, 0.3085, 0.4907
Android (android.graphics.Color)	4285652075 (0xFF71DC6B)
YUV	175.1250, -33.5856, -54.4836
Hunter-Lab	74.6717, -46.8728, 34.1472

Details

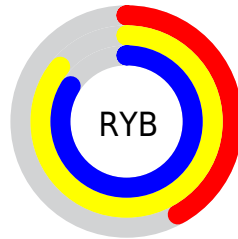
The YUV color **175.1250, -33.5856, -54.4836** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **151.8750, 33.5856, 54.4836**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1680, -28.6768, -42.2433**, and **118.0860, -31.1014, -57.9574** is the 20% darker color. If you saturate the color by 10%, you get **166.3380, -40.0996, -65.1944**, and if you desaturate by 10%, it is **183.9120, -27.0716, -43.7728**.

Distribution



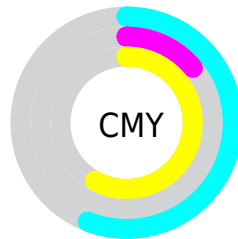
- Red (44%)
- Green (86%)
- Blue (42%)



- Red (42%)
- Yellow (86%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (51%)
- Black (14%)



- Cyan (56%)
- Magenta (14%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.1250, -33.5856, -54.4836 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 175.1250, -33.5856, -54.4836 by changing the saturation by 10% instead.

■ 175.1250,
-33.5856, -54.4836

■ 175.1250,
-33.5856, -54.4836

255.0000, 0.0000,
0.0000

■ 146.7550,
-32.4172, -55.9131

■ 219.1680,
-28.6768, -42.2433

■ 118.0860,
-31.1014, -57.9574

■ 230.9170,
-21.1581, -27.1142

■ 83.6110, -27.4162,
-73.3268

■ 243.1930,
-12.9131, -11.5703

■ 65.1570, -32.1224,
-57.1427

■ 253.9740, -3.9312,
0.8998

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,
-31.4027

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 175.1250,
-33.5856, -54.4836

■ 175.1250,
-33.5856, -54.4836

■ 166.3380,
-40.0996, -65.1944

■ 183.9120,
-27.0716, -43.7728

■ 157.5510,
-46.6136, -75.9052

■ 192.6990,
-20.5576, -33.0620

■ 149.0630,
-53.2751, -86.0013

■ 201.1870,
-13.8962, -22.9660

■ 140.2760,
-59.7891, -96.7121

■ 209.9740, -7.3822,
-12.2552

■ 132.7280,
-65.4349, -105.8785

■ 218.7610, -0.8682,
-1.5444

■ 227.5480, 5.6458,
9.1664

■ 234.4550, 10.1287,
18.0180

Harmonies

Analogous

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



185.0990, -60.6878, 5.1752



175.1250, -33.5856, -54.4836



152.6290, 8.5639, -133.8556

Triad

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



175.1250, -33.5856, -54.4836



152.9270, 50.3220, -134.1170



175.8500, -8.8000, 69.4146

Complementary

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



175.1250, -33.5856, -54.4836



151.8750, 33.5856, 54.4836

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.



183.9610, 19.7392, 62.3012



175.1250, -33.5856, -54.4836



186.6570, 33.6931, -26.8862

Square

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



175.1250, -33.5856, -54.4836



160.5580, 46.5599, -140.8094



199.8110, 27.2082, 46.6468



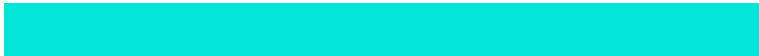
180.9780, -39.9222, 64.9173

Rectangle

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



175.1250, -33.5856, -54.4836



159.0470, 28.0778, -139.4842



199.8110, 27.2082, 46.6468



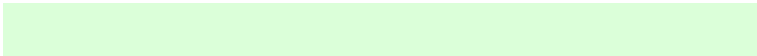
177.0700, 0.9515, 68.3446

Sweetspot

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



175.1250, -33.5856, -54.4836



239.9040, -11.2917, -18.3328



202.4220, -47.0430, 15.4159



118.8000, -6.8034, -11.2256



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.



175.1250, -33.5856, -54.4836



192.1380, -46.9030, -76.4200



178.9170, -11.2981, -63.0712



105.4570, -3.1833, -5.6628



104.2420, -51.3913, -83.5272



27.6000, -13.6068, -22.4512

Inverse Universe

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



151.8750, 33.5856, 54.4836



159.8620, 46.9030, 76.4200



148.0830, 11.2981, 63.0712



103.2440, 3.3307, 5.0480



68.7580, 51.3913, 83.5272



18.1010, 13.7542, 21.8364

Previews

White Background



This preview shows how the YUV color 175.1250, -33.5856, -54.4836 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 175.1250, -33.5856, -54.4836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

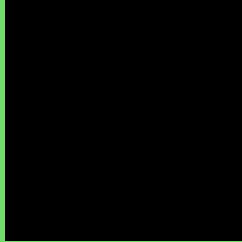
Any Text WCAG AA ✓ Pass

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 175.1250, -33.5856, -54.4836 Background



This preview shows how black text looks on a background with the YUV color 175.1250, -33.5856, -54.4836.



This preview shows how white text looks on a background with the YUV color 175.1250, -33.5856, -54.4836.

-54.4836.

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

175.1250, -33.5856, -54.4836

Protanopia

190.9220, -45.3175, 21.9934

Deuteranopia

194.0410, -38.9672, 38.5520



Tritanopia

188.0080, 17.7441, -44.7340

Trichromacy



Original Color

175.1250, -33.5856, -54.4836



Protanomaly

185.4840, -41.1576, -5.6865



Deuteranomaly

187.2880, -37.1170, 5.0094



Tritanomaly

183.3500, -1.1585, -48.5419

Monochromacy



Original Color

175.1250, -33.5856, -54.4836



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.6650, -12.1598, -19.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1250, -33.5856, -54.4836 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(113, 220, 107)` looks like.

```
.text, #text, p{  
    color:rgb(113, 220, 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(113, 220, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 220, 107) }
```

Border

The CSS property to change the border of an element to YUV 175.1250, -33.5856, -54.4836 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(113, 220, 107) }
```


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

```
.border{ border-color:rgb(113, 220, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 220, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 220, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 220, 107); box-shadow:4px 4px 4px 4px rgb(113, 220, 107) }
```

Background

The CSS property to change the background color of an element to YUV 175.1250, -33.5856, -54.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 220, 107) }
```

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

```
.background{ background-color: rgb(113,  
220, 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](#).

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