

Converting Colors

YUV(175.6590, -53.5689,
-38.2889)

Have a look what the booklet for
YUV(175.6590, -53.5689, -38.2889)
contains.

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Color

**YUV(175.6590, -53.5689,
-38.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	84DB43
RGB	132, 219, 67
RGB Percent	52%, 86%, 26%
CMY	0.4824, 0.1412, 0.7373
CMYK	0.40, 0.00, 0.69, 0.14
HSL	94°, 68%, 56%
HSV	94°, 69%, 86%
XYZ	35.8604, 55.9738, 14.2242
YIQ	175.6590, -3.0600, -65.7160

Conversions

Conversions Part 2

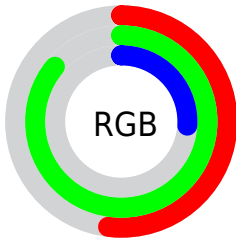
Format	Color
RYB	67, 219, 154
Decimal	8706883
CIELab	79.60, -50.77, 63.34
CIELCh	80, 81.179, 128.711
Yxy	55.9738, 0.3381, 0.5278
Android (android.graphics.Color)	4286896963 (0xFF84DB43)
YUV	175.6590, -53.5689, -38.2889
Hunter-Lab	74.8157, -45.3694, 41.0986

Details

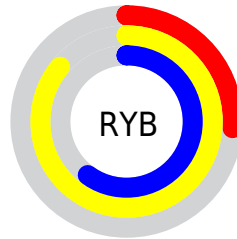
The YUV color **175.6590, -53.5689, -38.2889** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **110.3410, 53.5689, 38.2889**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5170, -48.0759, -26.7634**, and **117.5080, -57.9314, -39.0335** is the 20% darker color. If you saturate the color by 10%, you get **169.2640, -61.2622, -44.0815**, and if you desaturate by 10%, it is **182.0540, -45.8756, -32.4964**.

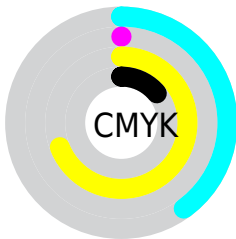
Distribution



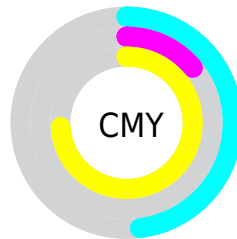
- Red (52%)
- Green (86%)
- Blue (26%)



- Red (26%)
- Yellow (86%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (69%)
- Black (14%)



- Cyan (48%)
- Magenta (14%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.6590, -53.5689, -38.2889 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 175.6590, -53.5689, -38.2889 by changing the saturation by 10% instead.

■ 175.6590,
-53.5689, -38.2889

■ 175.6590,
-53.5689, -38.2889

255.0000, 0.0000,
0.0000

■ 147.0180,
-54.7319, -38.6038

■ 220.5170,
-48.0759, -26.7634

■ 117.5080,
-57.9314, -39.0335

■ 232.6790,
-40.2677, -11.1195

■ 91.7920, -45.2535,
-45.4216

■ 244.8410,
-32.4596, 4.5244

■ 64.5700, -31.8330,
-56.6279

■ 249.6420,
-20.5295, 4.6990

■ 49.8950, -24.5982,
-43.7579

■ 252.9480, -7.8624,
1.7996

■ 35.8070, -17.6529,
-31.4027

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 175.6590,
-53.5689, -38.2889

■ 175.6590,
-53.5689, -38.2889

■ 169.2640,
-61.2622, -44.0815

■ 182.0540,
-45.8756, -32.4964

■ 163.1680,
-69.1028, -49.2593

■ 188.1500,
-38.0349, -27.3185

■ 156.7730,
-76.7961, -55.0519

■ 194.5450,
-30.3417, -21.5260

■ 156.6590,
-77.2329, -54.9519

■ 200.6410,
-22.5010, -16.3482

■ 207.0360,
-14.8077, -10.5556

■ 213.0180, -7.4039,
-5.2778

■ 219.4130, 0.2894,
0.5148

■ 225.5090, 8.1301,
5.6926

■ 230.8780, 11.8921,
12.3850

Harmonies

Analogous

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



181.9730, -89.7127, 28.0877



175.6590, -53.5689, -38.2889



150.2690, -5.5556, -131.7859

Triad

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



175.6590, -53.5689, -38.2889



158.2100, 47.7175, -138.7502



167.5640, 5.1449, 76.6814

Complementary

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



175.6590, -53.5689, -38.2889



110.3410, 53.5689, 38.2889

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.



183.8590, 34.5795, 62.3907



175.6590, -53.5689, -38.2889



158.7400, 47.4562, -101.5040

Square

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



175.6590, -53.5689, -38.2889



164.0800, 44.8236, -143.8982



195.2710, 29.4464, 28.7033



171.0960, -32.0923, 73.5838

Rectangle

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



175.6590, -53.5689, -38.2889



158.0720, 16.7265, -138.6291



195.2710, 29.4464, 28.7033



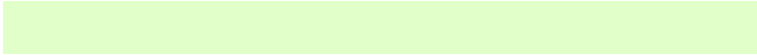
170.5280, 16.5017, 74.0819

Sweetspot

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



175.6590, -53.5689, -38.2889



239.5750, -19.0175, -13.6593



162.9300, -47.2935, 49.1734



118.6710, -11.1768, -8.4815



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.



175.6590, -53.5689, -38.2889



194.6530, -74.7649, -53.1927



157.3640, -39.6195, -79.2492



106.6530, -3.7729, -3.2037



123.6770, -60.9728, -43.5667



32.9820, -16.2601, -11.3852

Inverse Universe

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



110.3410, 53.5689, 38.2889



103.3470, 74.7649, 53.1927



128.6360, 39.6195, 79.2492



102.0480, 3.9203, 2.5889



49.3230, 60.9728, 43.5667



13.0180, 16.2601, 11.3852

Previews

White Background



This preview shows how the YUV color 175.6590, -53.5689, -38.2889 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 175.6590, -53.5689, -38.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

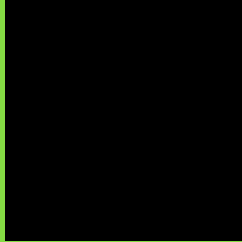
Any Text WCAG AA ✓ Pass

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 175.6590, -53.5689, -38.2889 Background



This preview shows how black text looks on a background with the YUV color 175.6590, -53.5689, -38.2889.



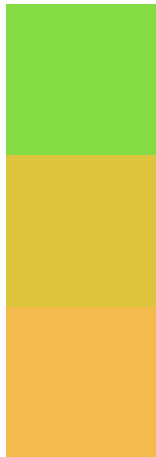
This preview shows how white text looks on a background with the YUV color 175.6590, -53.5689, -38.2889.

-38.2889.

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

175.6590, -53.5689, -38.2889

Protanopia

188.3730, -62.7949, 27.7369

Deuteranopia

191.0300, -55.7238, 46.4547



Tritanopia

191.8740, 14.3591, -32.3385

Trichromacy



Original Color

175.6590, -53.5689, -38.2889

Protanomaly

183.7290, -59.5194, 3.7457

Deuteranomaly

185.3590, -54.9000, 15.4712

Tritanomaly

186.0330, -10.3693, -34.2319

Monochromacy



Original Color

175.6590, -53.5689, -38.2889

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0480, -19.7437, -14.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.6590, -53.5689, -38.2889 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(132, 219, 67)` looks like.

```
.text, #text, p{  
    color:rgb(132, 219, 67)  
}
```

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(132, 219, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 219, 67) }
```

Border

The CSS property to change the border of an element to YUV 175.6590, -53.5689, -38.2889 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(132, 219, 67) }
```


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

```
.border{ border-color:rgb(132, 219, 67) }
```

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

Here you see how a box with a 4 pixel rgb(132, 219, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 219, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 219, 67);  
box-shadow:4px 4px 4px 4px rgb(132, 219,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 175.6590, -53.5689, -38.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 219, 67) }
```

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

```
.background{ background-color: rgb(132,  
219, 67) }
```

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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