

Converting Colors

YUV(133.6380, -55.0375,
-33.8855)

Have a look what the booklet for
YUV(133.6380, -55.0375, -33.8855)
contains.

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Color

**YUV(133.6380, -55.0375,
-33.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAF16
RGB	95, 175, 22
RGB Percent	37%, 69%, 9%
CMY	0.6275, 0.3137, 0.9137
CMYK	0.46, 0.00, 0.87, 0.31
HSL	91°, 78%, 39%
HSV	91°, 87%, 69%
XYZ	20.1941, 33.1508, 6.0935
YIQ	133.6380, 1.4330, -64.5430

Conversions

Conversions Part 2

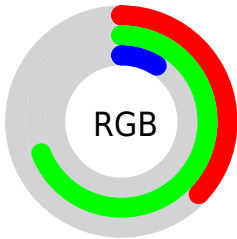
Format	Color
RYB	22, 175, 102
Decimal	6270742
CIELab	64.28, -47.69, 61.92
CIELCh	64, 78.156, 127.605
Yxy	33.1508, 0.3397, 0.5577
Android (android.graphics.Color)	4284460822 (0xFF5FAF16)
YUV	133.6380, -55.0375, -33.8855
Hunter-Lab	57.5767, -38.1532, 34.0289

Details

The YUV color **133.6380, -55.0375, -33.8855** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **63.3620, 55.0375, 33.8855**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6210, -52.5642, -33.8706**, and **81.1820, -40.0227, -43.1326** is the 20% darker color. If you saturate the color by 10%, you get **129.0090, -61.1364, -37.7189**, and if you desaturate by 10%, it is **138.3810, -48.5018, -30.1521**.

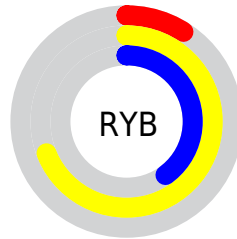
Distribution



Red (37%)

Green (69%)

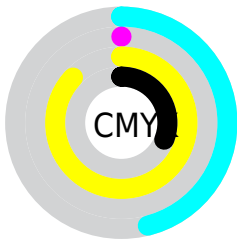
Blue (9%)



Red (9%)

Yellow (69%)

Blue (40%)

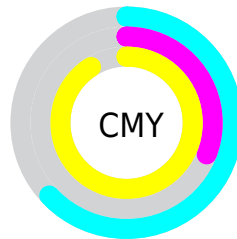


Cyan (46%)

Magenta (0%)

Yellow (87%)

Black (31%)



Cyan (63%)

Magenta (31%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6380, -55.0375, -33.8855 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 133.6380, -55.0375, -33.8855 by changing the saturation by 10% instead.

■ 133.6380,
-55.0375, -33.8855

■ 133.6380,
-55.0375, -33.8855

■ 255.0000, 0.0000,
0.0000

■ 106.6100,
-52.5587, -35.6150

■ 190.6210,
-52.5642, -33.8706

■ 81.1820, -40.0227,
-43.1326

■ 216.5720,
-51.5540, -31.1966

■ 56.3520, -27.7815,
-49.4207

■ 228.6200,
-44.1827, -15.4527

■ 41.6770, -20.5468,
-36.5507

■ 240.4830,
-36.2271, -0.4236

■ 28.1760, -13.8908,
-24.7104

■ 248.2740,
-25.7711, 5.8987

■ 14.0880, -6.9454,
-12.3552

■ 251.5800,

■ 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

254.8860, -0.4368,
0.1000

■ 133.6380,
-55.0375, -33.8855

■ 133.6380,
-55.0375, -33.8855

■ 129.0090,
-61.1364, -37.7189

■ 138.3810,
-48.5018, -30.1521

■ 127.5420,
-62.8782, -39.0633

■ 143.0100,
-42.4029, -26.3188

■ 147.7530,
-35.8672, -22.5854

■ 152.6810,
-29.9157, -18.1372

■ 157.4240,
-23.3800, -14.4038

■ 162.0530,
-17.2811, -10.5705

■ 166.7960,
-10.7454, -6.8371

■ 171.4250, -4.6465,
-3.0037

■ 176.1680, 1.8892,
0.7297

Harmonies

Analogous

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



144.4620, -71.2198, 23.2738



133.6380, -55.0375, -33.8855



119.2940, -10.0049, -104.6208

Triad

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



133.6380, -55.0375, -33.8855



132.9690, 60.1613, -116.6138



137.5180, 1.7166, 103.0317

Complementary

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



133.6380, -55.0375, -33.8855



63.3620, 55.0375, 33.8855

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.



153.8790, 27.6677, 86.0521



133.6380, -55.0375, -33.8855



122.4030, 65.3703, -107.3474

Square

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



133.6380, -55.0375, -33.8855



136.5420, 51.0048, -119.7473



157.7270, 47.9556, 18.6564



142.7940, -33.9154, 98.4047

Rectangle

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



133.6380, -55.0375, -33.8855



126.6410, 10.5300, -111.0642



157.7270, 47.9556, 18.6564



140.8410, 11.9104, 100.1174

Sweetspot

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



133.6380, -55.0375, -33.8855



211.0050, -21.2015, -13.1594



114.1200, -45.4152, 53.3918



105.2150, -12.9240, -8.0816



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



133.6380, -55.0375, -33.8855



165.5410, -81.6117, -50.4635



112.1530, -42.9664, -79.0642



84.4790, -3.1941, -2.1741



109.5780, -54.0220, -32.9559



16.7900, -8.2775, -5.0778

Inverse Universe

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



63.3620, 55.0375, 33.8855



61.4590, 81.6117, 50.4635



84.8470, 42.9664, 79.0642



80.5210, 3.1941, 2.1741



40.7210, 53.8745, 33.5707



6.2100, 8.2775, 5.0778

Previews

White Background



This preview shows how the YUV color 133.6380, -55.0375, -33.8855 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 133.6380, -55.0375, -33.8855 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 133.6380, -55.0375, -33.8855 Background



This preview shows how black text looks on a background with the YUV color 133.6380, -55.0375, -33.8855.



This preview shows how white text looks on a background with the YUV color 133.6380, -55.0375, -33.8855.

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

133.6380, -55.0375, -33.8855

Protanopia

145.0200, -64.0999, 26.2925

Deuteranopia

149.2680, -53.3761, 40.1070



Tritanopia

150.4290, 12.6065, -30.1942

Trichromacy



Original Color

133.6380, -55.0375, -33.8855

Protanomaly

140.8000, -60.5404, 4.5604

Deuteranomaly

143.5760, -54.0210, 13.5268

Tritanomaly

144.0010, -11.8325, -31.5729

Monochromacy



Original Color

133.6380, -55.0375, -33.8855

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9450, -20.1859, -12.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6380, -55.0375, -33.8855 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(95, 175, 22)` looks like.

```
.text, #text, p{  
    color:rgb(95, 175, 22)  
}
```

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(95, 175, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 175, 22) }
```

Border

The CSS property to change the border of an element to YUV 133.6380, -55.0375, -33.8855 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(95, 175, 22) }
```


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

```
.border{ border-color:rgb(95, 175, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 175, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 175, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 175, 22);  
box-shadow:4px 4px 4px 4px rgb(95, 175,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 133.6380, -55.0375, -33.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 175, 22) }
```

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

```
.background{ background-color: rgb(95, 175,  
22) }
```

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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