

Converting Colors

YUV(153.7880, -55.6045,
8.0789)

Have a look what the booklet for
YUV(153.7880, -55.6045, 8.0789)
contains.

YUV(153.7880, -55.6045, 8.0789)	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(153.7880, -55.6045,
8.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AB29
RGB	163, 171, 41
RGB Percent	64%, 67%, 16%
CMY	0.3608, 0.3294, 0.8392
CMYK	0.05, 0.00, 0.76, 0.33
HSL	64°, 61%, 42%
HSV	64°, 76%, 67%
XYZ	30.0674, 37.0724, 7.6688
YIQ	153.7880, 36.9620, -42.1260

Conversions

Conversions Part 2

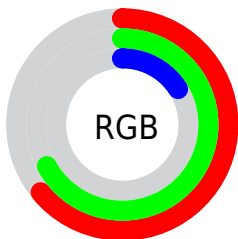
Format	Color
RYB	41, 171, 49
Decimal	10726185
CIELab	67.33, -18.50, 61.08
CIELCh	67, 63.820, 106.850
Yxy	37.0724, 0.4019, 0.4956
Android (android.graphics.Color)	4288916265 (0xFFA3AB29)
YUV	153.7880, -55.6045, 8.0789
Hunter-Lab	60.8871, -18.4053, 35.1534

Details

The YUV color **153.7880, -55.6045, 8.0789** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **58.2120, 55.6045, -8.0789**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7990, -55.6099, 9.8233**, and **101.8460, -50.2101, 4.5201** is the 20% darker color. If you saturate the color by 10%, you get **151.5510, -62.8826, 9.1638**, and if you desaturate by 10%, it is **156.0250, -48.3263, 6.9941**.

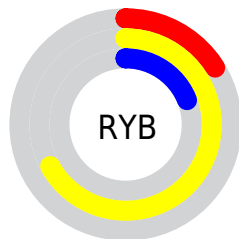
Distribution



Red (64%)

Green (67%)

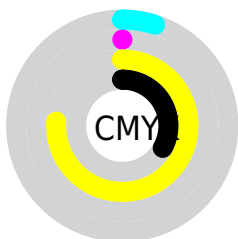
Blue (16%)



Red (16%)

Yellow (67%)

Blue (19%)

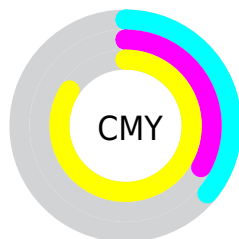


Cyan (5%)

Magenta (0%)

Yellow (76%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7880, -55.6045, 8.0789 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 153.7880, -55.6045, 8.0789 by changing the saturation by 10% instead.

■ 153.7880,
-55.6045, 8.0789

■ 153.7880,
-55.6045, 8.0789

■ 255.0000, 0.0000,
0.0000

■ 125.4800,
-61.8616, 8.3490

■ 209.7990,
-55.6099, 9.8233

■ 101.8460,
-50.2101, 4.5201

■ 238.5710,
-56.4835, 10.0232

■ 79.3970, -39.1427,
1.4058

■ 243.2580,
-44.9902, 10.2977

■ 57.8230, -28.5067,
-3.3528

■ 246.4500,
-32.7599, 7.4983

■ 36.5480, -18.0182,
-7.4966

■ 249.6420,
-20.5295, 4.6990

■ 17.0230, -8.3923,
-14.9292

■ 252.9480, -7.8624,

■ 0.0000, 0.0000,

1.7996

0.0000

■ 153.7880,
-55.6045, 8.0789

■ 153.7880,
-55.6045, 8.0789

■ 151.5510,
-62.8826, 9.1638

■ 156.0250,
-48.3263, 6.9941

■ 149.3140,
-70.1608, 10.2486

■ 158.2620,
-41.0482, 5.9092

■ 148.2170,
-73.0710, 10.3337

■ 160.4990,
-33.7700, 4.8244

■ 162.7360,
-26.4918, 3.7395

■ 164.9730,
-19.2137, 2.6547

■ 167.3240,
-11.4987, 1.4699

■ 169.5610, -4.2206,
0.3850

■ 171.7980, 3.0576,
-0.6998

■ 174.0350, 10.3357,
-1.7847

Harmonies

Analogous

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



158.4110, -56.8976, 49.6286



153.7880, -55.6045, 8.0789



145.0600, -31.5816, -43.9026

Triad

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



153.7880, -55.6045, 8.0789



138.5140, 53.4836, -121.4768



165.0510, 13.2859, 78.8853

Complementary

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



153.7880, -55.6045, 8.0789



58.2120, 55.6045, -8.0789

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.



169.1390, 36.4135, 34.0811



153.7880, -55.6045, 8.0789



133.5560, 59.8719, -117.1286

Square

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



153.7880, -55.6045, 8.0789



135.0480, 30.0493, -118.4371



157.0870, 48.2711, -36.0333



156.6780, -11.1803, 86.2284

Rectangle

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



153.7880, -55.6045, 8.0789



123.5800, -3.7369, -108.3797



157.0870, 48.2711, -36.0333



166.7490, 21.3227, 67.7491

Sweetspot

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



153.7880, -55.6045, 8.0789



215.2890, -21.8345, 3.2545



83.9790, -21.1886, 76.3174



107.8680, -13.2459, 1.8698



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



153.7880, -55.6045, 8.0789



195.0850, -86.3169, 12.2035



134.6520, -46.1704, -31.2668



85.6750, -3.7838, 0.2850



130.2090, -64.1930, 9.4637



20.0790, -9.8989, 1.6847

Inverse Universe

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



58.2120, 55.6045, -8.0789



46.6160, 86.4643, -12.8182



77.0490, 46.3178, 30.6520



79.3250, 3.7838, -0.2850



19.7910, 64.1930, -9.4637



2.9210, 9.8989, -1.6847

Previews

White Background



This preview shows how the YUV color 153.7880, -55.6045, 8.0789 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 153.7880, -55.6045, 8.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

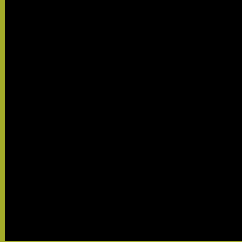
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7880, -55.6045, 8.0789

Background



This preview shows how black text looks on a background with the YUV color 153.7880, -55.6045, 8.0789.



This preview shows how white text looks on a background with the YUV color 153.7880, -55.6045, 8.0789.

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

153.7880, -55.6045, 8.0789

Protanopia

155.7300, -57.5479, 24.7928

Deuteranopia

157.7520, -54.1077, 41.4365



Tritanopia

164.9670, 3.4673, 7.9219

Trichromacy



Original Color

153.7880, -55.6045, 8.0789

Protanomaly

155.2130, -56.8000, 18.2302

Deuteranomaly

156.4470, -54.9434, 29.4260

Tritanomaly

160.6470, -18.0670, 8.2026

Monochromacy



Original Color

153.7880, -55.6045, 8.0789

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7450, -20.0873, 2.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7880, -55.6045, 8.0789 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(163, 171, 41)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 41)  
}
```

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(163, 171, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 41) }
```

Border

The CSS property to change the border of an element to YUV 153.7880, -55.6045, 8.0789 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(163, 171, 41) }
```


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

```
.border{ border-color:rgb(163, 171, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 41);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 153.7880, -55.6045, 8.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 41) }
```

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

```
.background{ background-color: rgb(163,  
171, 41) }
```

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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