

Converting Colors

YUV(136.7860, -55.6035,
54.5617)

Have a look what the booklet for
YUV(136.7860, -55.6035, 54.5617)
contains.

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Color

**YUV(136.7860, -55.6035,
54.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	C77F18
RGB	199, 127, 24
RGB Percent	78%, 50%, 9%
CMY	0.2196, 0.5020, 0.9059
CMYK	0.00, 0.36, 0.88, 0.22
HSL	35°, 78%, 44%
HSV	35°, 88%, 78%
XYZ	31.3074, 27.3868, 4.5003
YIQ	136.7860, 75.9750, -16.7690

Conversions

Conversions Part 2

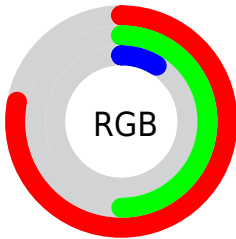
Format	Color
R _Y B	146, 199, 24
Decimal	13074200
CIE Lab	59.33, 20.61, 60.73
CIE LCh	59, 64.132, 71.257
Yxy	27.3868, 0.4954, 0.4334
Android (android.graphics.Color)	4291264280 (0xFFC77F18)
YUV	136.7860, -55.6035, 54.5617
Hunter-Lab	52.3324, 15.2044, 31.5341

Details

The YUV color **136.7860, -55.6035, 54.5617** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **86.2140, 55.6035, -54.5617**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0250, -54.7353, 56.1061**, and **87.3470, -43.0621, 45.2997** is the 20% darker color. If you saturate the color by 10%, you get **129.8100, -62.0243, 60.6796**, and if you desaturate by 10%, it is **143.7620, -49.1827, 48.4437**.

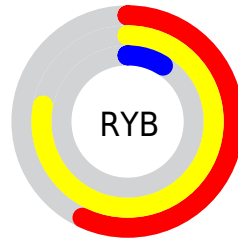
Distribution



Red (78%)

Green (50%)

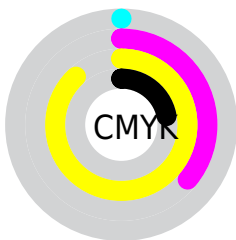
Blue (9%)



Red (57%)

Yellow (78%)

Blue (9%)

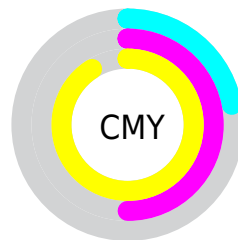


Cyan (0%)

Magenta (36%)

Yellow (88%)

Black (22%)



Cyan (22%)

Magenta (50%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7860, -55.6035, 54.5617 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 136.7860, -55.6035, 54.5617 by changing the saturation by 10% instead.

136.7860,
-55.6035, 54.5617

136.7860,
-55.6035, 54.5617

255.0000, 0.0000,
0.0000

110.4050,
-54.4297, 51.3878

191.0250,
-54.7353, 56.1061

87.3470, -43.0621,
45.2997

209.9520,
-50.7553, 39.5071

65.1750, -32.1313,
39.3115

230.0530,
-47.3541, 21.8785

43.8890, -21.6373,
33.4233

244.2840,
-41.0590, 9.3979

22.9020, -11.2907,
28.1499

247.4760,
-28.8287, 6.5985

9.3830, -4.1328,
18.9581

250.7820,

0.0000, 0.0000,

-16.1615, 3.6992

0.0000

254.0880, -3.4944,
0.7998

136.7860,
-55.6035, 54.5617

136.7860,
-55.6035, 54.5617

129.8100,
-62.0243, 60.6796

143.7620,
-49.1827, 48.4437

128.1800,
-63.1927, 62.1091

150.7380,
-42.7618, 42.3258

158.3010,
-36.6304, 35.6930

165.2770,
-30.2096, 29.5751

172.2530,
-23.7887, 23.4571

■ 179.1150,
-17.8047, 17.4391

■ 186.0910,
-11.3839, 11.3212

■ 193.0670, -4.9630,
5.2032

■ 200.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



138.2220, -33.1404, 83.1203



136.7860, -55.6035, 54.5617



131.5520, -64.3621, 17.0559

Triad

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



136.7860, -55.6035, 54.5617



117.7850, 22.2910, -103.2974



146.6860, 40.0878, 22.2004

Complementary

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



136.7860, -55.6035, 54.5617



86.2140, 55.6035, -54.5617

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.



128.7550, 61.7458, -64.6831



136.7860, -55.6035, 54.5617



122.6530, 46.0201, -107.5667

Square

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



136.7860, -55.6035, 54.5617



109.8850, -2.9013, -96.3691



121.8330, 63.1863, -106.8475



143.2720, 18.1069, 72.5525

Rectangle

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



136.7860, -55.6035, 54.5617



128.5230, -47.0928, -15.3677



121.8330, 63.1863, -106.8475



145.2640, 46.7048, -0.2315

Sweetspot

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



136.7860, -55.6035, 54.5617



231.6270, -21.0151, 20.4981



84.6470, 6.0900, 100.2876



113.4610, -12.5523, 12.7507



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.



136.7860, -55.6035, 54.5617



164.2950, -80.9974, 79.5483



174.5650, -74.2285, 8.2745



95.6260, -2.7736, 2.9590



105.0890, -51.8089, 50.7879



23.0910, -11.3839, 11.3212

Inverse Universe

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



86.2140, 55.6035, -54.5617



90.7050, 80.9974, -79.5483



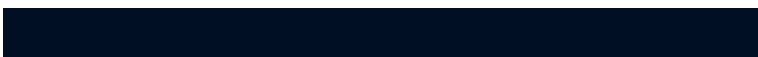
48.4350, 74.2285, -8.2745



93.3740, 2.7736, -2.9590



57.9110, 51.8089, -50.7879



12.9090, 11.3839, -11.3212

Previews

White Background



This preview shows how the YUV color 136.7860, -55.6035, 54.5617 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7860, -55.6035, 54.5617 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 × Fail

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

YUV 136.7860, -55.6035, 54.5617

Background



This preview shows how black text looks on a background with the YUV color 136.7860, -55.6035, 54.5617.



This preview shows how white text looks on a background with the YUV color 136.7860, -55.6035,

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

136.7860, -55.6035, 54.5617

Protanopia

135.9730, -52.7377, 21.9487

Deuteranopia

135.8890, -58.6123, 39.5623



Tritanopia

144.7400, -8.7458, 51.9710

Trichromacy



Original Color

136.7860, -55.6035, 54.5617

Protanomaly

136.4090, -53.9386, 33.8443

Deuteranomaly

136.5630, -57.4656, 45.1102

Tritanomaly

141.6850, -25.4807, 52.8963

Monochromacy



Original Color

136.7860, -55.6035, 54.5617

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8550, -20.1415, 20.2982

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7860, -55.6035, 54.5617 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(199, 127, 24)` looks like.

```
.text, #text, p{  
    color:rgb(199, 127, 24)  
}
```

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(199, 127, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 127, 24) }
```

Border

The CSS property to change the border of an element to YUV 136.7860, -55.6035, 54.5617 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(199, 127, 24) }
```


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

```
.border{ border-color:rgb(199, 127, 24) }
```

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

Here you see how a box with a 4 pixel rgb(199, 127, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 127, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 127, 24);  
box-shadow:4px 4px 4px 4px rgb(199, 127,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 136.7860, -55.6035, 54.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 127, 24) }
```

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

```
.background{ background-color: rgb(199,  
127, 24) }
```

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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