

Converting Colors

YUV(155.8190, -55.6198,
59.7947)

Have a look what the booklet for
YUV(155.8190, -55.6198, 59.7947)
contains.

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Color

**YUV(155.8190, -55.6198,
59.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	E08F2B
RGB	224, 143, 43
RGB Percent	88%, 56%, 17%
CMY	0.1216, 0.4392, 0.8314
CMYK	0.00, 0.36, 0.81, 0.12
HSL	33°, 74%, 52%
HSV	33°, 81%, 88%
XYZ	40.9990, 35.6666, 7.0090
YIQ	155.8190, 80.3760, -13.9280

Conversions

Conversions Part 2

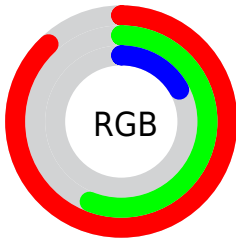
Format	Color
RYB	190, 224, 43
Decimal	14716715
CIELab	66.26, 23.20, 61.68
CIELCh	66, 65.900, 69.387
Yxy	35.6666, 0.4900, 0.4263
Android (android.graphics.Color)	4292906795 (0xFFE08F2B)
YUV	155.8190, -55.6198, 59.7947
Hunter-Lab	59.7215, 18.0279, 34.8468

Details

The YUV color **155.8190, -55.6198, 59.7947** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **111.1810, 55.6198, -59.7947**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9420, -52.2294, 45.6549**, and **102.7410, -50.6513, 52.8471** is the 20% darker color. If you saturate the color by 10%, you get **147.4410, -62.3354, 67.1422**, and if you desaturate by 10%, it is **164.1970, -48.9041, 52.4472**.

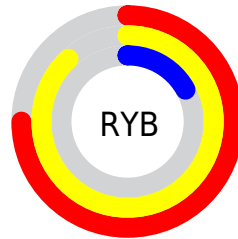
Distribution



Red (88%)

Green (56%)

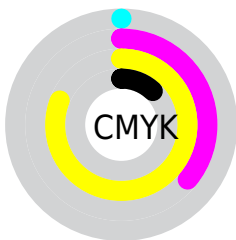
Blue (17%)



Red (75%)

Yellow (88%)

Blue (17%)

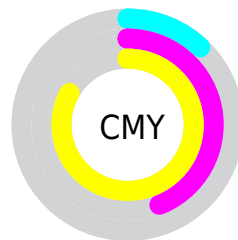


Cyan (0%)

Magenta (36%)

Yellow (81%)

Black (12%)



Cyan (12%)

Magenta (44%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8190, -55.6198, 59.7947 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 155.8190, -55.6198, 59.7947 by changing the saturation by 10% instead.

155.8190,
-55.6198, 59.7947

155.8190,
-55.6198, 59.7947

255.0000, 0.0000,
0.0000

127.2980,
-58.8139, 57.6207

202.9420,
-52.2294, 45.6549

102.7410,
-50.6513, 52.8471

222.4560,
-48.5388, 28.5411

79.9820, -39.4311,
47.3738

242.5570,
-45.1376, 10.9125

58.0980, -28.6423,
40.2561

246.3360,
-33.1966, 7.5983

36.8120, -18.1483,
34.3679

249.5280,
-20.9663, 4.7989

15.8250, -7.8017,
29.0945

252.8340, -8.2992,

5.0830, -2.5059,

1.8996

10.4512

■ 0.0000, 0.0000,
0.0000

■ 155.8190,
-55.6198, 59.7947

■ 155.8190,
-55.6198, 59.7947

■ 147.4410,
-62.3354, 67.1422

■ 164.1970,
-48.9041, 52.4472

■ 139.7640,
-68.9037, 73.8750

■ 172.6890,
-41.7517, 44.9997

■ 181.0670,
-35.0360, 37.6522

■ 189.5590,
-27.8836, 30.2048

■ 197.9370,
-21.1679, 22.8573

■ 206.3150,
-14.4523, 15.5097

■ 214.8070, -7.2999,
8.0623

■ 223.1850, -0.5842,
0.7148

■ 231.6770, 6.5682,
-6.7327

Harmonies

Analogous

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



156.2440, -33.1513, 86.6090



155.8190, -55.6198, 59.7947



151.1440, -62.1890, 20.0447

Triad

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



155.8190, -55.6198, 59.7947



131.3490, 23.4919, -115.1931



165.4730, 43.1508, 19.7562

Complementary

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



155.8190, -55.6198, 59.7947



111.1810, 55.6198, -59.7947

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.



143.5990, 54.9207, -68.9313



155.8190, -55.6198, 59.7947



136.5590, 48.5314, -119.7622

Square

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



155.8190, -55.6198, 59.7947



122.5200, -2.7214, -107.4500



134.1430, 59.5825, -117.6434



162.5540, 20.4329, 73.1821

Rectangle

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



155.8190, -55.6198, 59.7947



147.2630, -49.4297, -12.5087



134.1430, 59.5825, -117.6434



162.0140, 45.8421, -3.5203

Sweetspot

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



155.8190, -55.6198, 59.7947



232.1970, -18.8311, 19.9982



106.3530, 8.7000, 103.1764



113.8030, -11.2419, 12.4508



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.



155.8190, -55.6198, 59.7947



161.6850, -75.7667, 81.8373



200.6750, -77.7338, 12.5630



107.8110, -3.3578, 3.6738



109.5630, -54.0146, 58.2652



30.2010, -14.8891, 15.6097

Inverse Universe

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



111.1810, 55.6198, -59.7947



100.7280, 76.0561, -81.3225



66.3250, 77.7338, -12.5630



105.1890, 3.3578, -3.6738



66.4370, 54.0146, -58.2652



18.3860, 14.5997, -16.1245

Previews

White Background



This preview shows how the YUV color 155.8190, -55.6198, 59.7947 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 155.8190, -55.6198, 59.7947 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 155.8190, -55.6198, 59.7947

Background



This preview shows how black text looks on a background with the YUV color 155.8190, -55.6198, 59.7947.



This preview shows how white text looks on a background with the YUV color 155.8190, -55.6198, 59.7947.

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

155.8190, -55.6198, 59.7947

Protanopia

154.6850, -52.5957, 23.0783

Deuteranopia

154.9540, -57.1653, 42.1363



Tritanopia

163.4310, -10.0725, 57.5040

Trichromacy



Original Color

155.8190, -55.6198, 59.7947

Protanomaly

155.1320, -53.8021, 36.7182

Deuteranomaly

155.1120, -56.7502, 49.0138

Tritanomaly

160.4900, -26.3706, 58.3293

Monochromacy



Original Color

155.8190, -55.6198, 59.7947

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8660, -20.1469, 22.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8190, -55.6198, 59.7947 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(224, 143, 43)` looks like.

```
.text, #text, p{  
    color:rgb(224, 143, 43)  
}
```

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(224, 143, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 143, 43) }
```

Border

The CSS property to change the border of an element to YUV 155.8190, -55.6198, 59.7947 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(224, 143, 43) }
```


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

```
.border{ border-color:rgb(224, 143, 43) }
```

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

Here you see how a box with a 4 pixel rgb(224, 143, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 143, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 143, 43);  
box-shadow:4px 4px 4px 4px rgb(224, 143,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 155.8190, -55.6198, 59.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 143, 43) }
```

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

```
.background{ background-color: rgb(224,  
143, 43) }
```

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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