

Converting Colors

YUV(140.8410, -55.6306,
63.2834)

Have a look what the booklet for
YUV(140.8410, -55.6306, 63.2834)
contains.

YUV(140.8410, -55.6306, 63.2834)	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(140.8410, -55.6306,
63.2834)**

Conversions

Conversions Part 1

Format	Color
Hex	D57E1C
RGB	213, 126, 28
RGB Percent	84%, 49%, 11%
CMY	0.1647, 0.5059, 0.8902
CMYK	0.00, 0.41, 0.87, 0.16
HSL	32°, 77%, 47%
HSV	32°, 87%, 84%
XYZ	35.1110, 29.1517, 4.8749
YIQ	140.8410, 83.3100, -12.0340

Conversions

Conversions Part 2

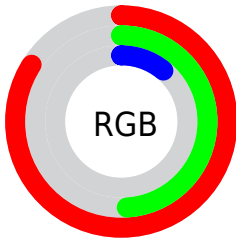
Format	Color
R_{YB}	192, 213, 28
Decimal	13991452
CIE Lab	60.92, 27.23, 61.60
CIE LCh	61, 67.345, 66.151
Yxy	29.1517, 0.5078, 0.4216
Android (android.graphics.Color)	4292181532 (0xFFD57E1C)
YUV	140.8410, -55.6306, 63.2834
Hunter-Lab	53.9923, 21.5915, 32.4414

Details

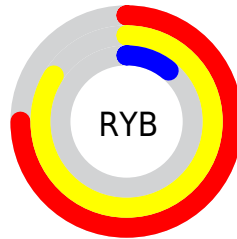
The YUV color **140.8410, -55.6306, 63.2834** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **100.1590, 55.6306, -63.2834**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7800, -53.1355, 56.3209**, and **90.0600, -44.3996, 54.3214** is the 20% darker color. If you saturate the color by 10%, you get **132.5770, -61.9095, 70.5310**, and if you desaturate by 10%, it is **149.1050, -49.3518, 56.0359**.

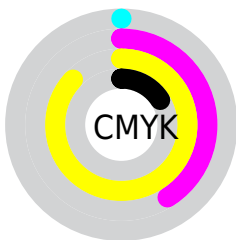
Distribution



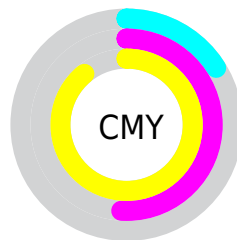
- Red (84%)
- Green (49%)
- Blue (11%)



- Red (75%)
- Yellow (84%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (51%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8410, -55.6306, 63.2834 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 140.8410, -55.6306, 63.2834 by changing the saturation by 10% instead.

140.8410,
-55.6306, 63.2834

140.8410,
-55.6306, 63.2834

255.0000, 0.0000,
0.0000

113.7050,
-56.0566, 59.8947

190.7800,
-53.1355, 56.3209

90.0600, -44.3996,
54.3214

210.2940,
-49.4449, 39.2072

67.5890, -33.3214,
47.7184

229.8080,
-45.7543, 22.0934

45.4170, -22.3906,
41.7303

244.6260,
-39.7486, 9.0980

22.9570, -11.3178,
36.8717

247.8180,
-27.5183, 6.2986

12.6720, -5.7543,
25.7207

251.1240,

0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 140.8410,
-55.6306, 63.2834

■ 140.8410,
-55.6306, 63.2834

■ 132.5770,
-61.9095, 70.5310

■ 149.1050,
-49.3518, 56.0359

■ 130.0180,
-64.0989, 72.7752

■ 157.4830,
-42.6361, 48.6884

■ 165.7470,
-36.3573, 41.4409

■ 174.0110,
-30.0784, 34.1934

■ 182.2750,
-23.7996, 26.9458

■ 190.6530,
-17.0839, 19.5983

■ 198.9170,
-10.8051, 12.3508

■ 207.1810, -4.5262,
5.1033

■ 215.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



141.0750, -30.1100, 91.1422



140.8410, -55.6306, 63.2834



135.9120, -67.0046, 24.6332

Triad

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



140.8410, -55.6306, 63.2834



120.1500, 18.6601, -105.3715



150.2270, 46.2301, 12.0789

Complementary

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



140.8410, -55.6306, 63.2834



100.1590, 55.6306, -63.2834

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.



117.1200, 67.9748, -102.7142



140.8410, -55.6306, 63.2834



126.1750, 44.2837, -110.6555

Square

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



140.8410, -55.6306, 63.2834



111.3210, -7.5533, -97.6285



126.5120, 63.3446, -110.9510



147.7430, 23.7907, 69.5084

Rectangle

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



140.8410, -55.6306, 63.2834



132.7600, -56.5767, -6.8055



126.5120, 63.3446, -110.9510



146.5980, 53.4422, -14.5564

Sweetspot

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



140.8410, -55.6306, 63.2834



229.2790, -19.8575, 22.5573



93.4610, 11.6047, 104.8357



112.2870, -11.9735, 13.7803



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.



140.8410, -55.6306, 63.2834



155.4900, -76.6566, 87.2703



191.0130, -80.3654, 16.6516



102.8110, -3.3578, 3.6738



104.5460, -51.5412, 58.2802



26.3580, -12.9945, 14.5950

Inverse Universe

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



100.1590, 55.6306, -63.2834



99.5100, 76.6566, -87.2703



49.9870, 80.3654, -16.6516



100.1890, 3.3578, -3.6738



66.4540, 51.5412, -58.2802



16.6420, 12.9945, -14.5950

Previews

White Background



This preview shows how the YUV color 140.8410, -55.6306, 63.2834 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 140.8410, -55.6306, 63.2834 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 140.8410, -55.6306, 63.2834

Background



This preview shows how black text looks on a background with the YUV color 140.8410, -55.6306, 63.2834.



This preview shows how white text looks on a background with the YUV color 140.8410, -55.6306, 63.2834.

63.2834.

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

140.8410, -55.6306, 63.2834

Protanopia

140.3860, -52.4483, 22.4635

Deuteranopia

139.8460, -60.0701, 40.4771



Tritanopia

147.9260, -10.8095, 60.5779

Trichromacy



Original Color

140.8410, -55.6306, 63.2834

Protanomaly

140.5450, -53.5127, 37.2330

Deuteranomaly

140.3570, -58.3500, 48.7989

Tritanomaly

145.2840, -27.2550, 62.0179

Monochromacy



Original Color

140.8410, -55.6306, 63.2834

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1650, -20.2943, 22.6573

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8410, -55.6306, 63.2834 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(213, 126, 28)` looks like.

```
.text, #text, p{  
    color:rgb(213, 126, 28)  
}
```

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(213, 126, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 126, 28) }
```

Border

The CSS property to change the border of an element to YUV 140.8410, -55.6306, 63.2834 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(213, 126, 28) }
```


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

```
.border{ border-color:rgb(213, 126, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 126, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 126, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 126, 28);  
box-shadow:4px 4px 4px 4px rgb(213, 126,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 140.8410, -55.6306, 63.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 126, 28) }
```

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

```
.background{ background-color: rgb(213,  
126, 28) }
```

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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