

Converting Colors

YUV(160.2960, -55.8549,
41.8364)

Have a look what the booklet for
YUV(160.2960, -55.8549, 41.8364)
contains.

YUV(160.2960, -55.8549, 41.8364)	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(160.2960, -55.8549,
41.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	D09E2F
RGB	208, 158, 47
RGB Percent	82%, 62%, 18%
CMY	0.1843, 0.3804, 0.8157
CMYK	0.00, 0.24, 0.77, 0.18
HSL	41°, 63%, 50%
HSV	41°, 77%, 82%
XYZ	38.7524, 38.0689, 7.9949
YIQ	160.2960, 65.4310, -23.9210

Conversions

Conversions Part 2

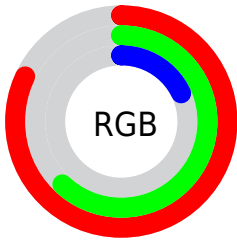
Format	Color
RYB	120, 208, 47
Decimal	13671983
CIELab	68.07, 8.38, 61.20
CIELCh	68, 61.773, 82.202
Yxy	38.0689, 0.4569, 0.4488
Android (android.graphics.Color)	4291862063 (0xFFD09E2F)
YUV	160.2960, -55.8549, 41.8364
Hunter-Lab	61.7000, 4.1369, 35.5074

Details

The YUV color **160.2960, -55.8549, 41.8364** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **94.7040, 55.8549, -41.8364**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2030, -54.8231, 37.5330**, and **107.3600, -52.9285, 36.5183** is the 20% darker color. If you saturate the color by 10%, you get **154.3800, -63.2913, 47.0247**, and if you desaturate by 10%, it is **166.2120, -48.4185, 36.6481**.

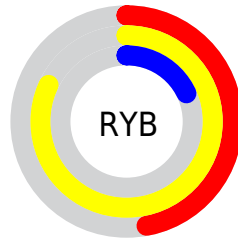
Distribution



Red (82%)

Green (62%)

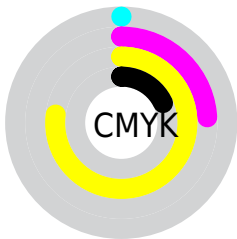
Blue (18%)



Red (47%)

Yellow (82%)

Blue (18%)

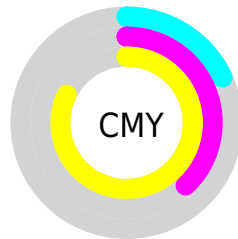


Cyan (0%)

Magenta (24%)

Yellow (77%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.2960, -55.8549, 41.8364 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 160.2960, -55.8549, 41.8364 by changing the saturation by 10% instead.

■ 160.2960,
-55.8549, 41.8364

■ 160.2960,
-55.8549, 41.8364

■ 255.0000, 0.0000,
0.0000

■ 132.1880,
-58.7597, 40.1771

■ 212.2030,
-54.8231, 37.5330

■ 107.3600,
-52.9285, 36.5183

■ 232.3040,
-51.4219, 19.9044

■ 84.9000, -41.8557,
31.6597

■ 243.7140,
-43.2430, 9.8978

■ 62.7280, -30.9249,
25.6715

■ 246.9060,
-31.0127, 7.0984

■ 42.3280, -20.8677,
19.8833

■ 250.0980,
-18.7823, 4.2991

■ 23.1130, -11.3947,
14.8099

■ 253.4040, -6.1152,

■ 0.0000, 0.0000,

1.3997

0.0000

■ 160.2960,
-55.8549, 41.8364

■ 160.2960,
-55.8549, 41.8364

■ 154.3800,
-63.2913, 47.0247

■ 166.2120,
-48.4185, 36.6481

■ 147.8770,
-70.4384, 52.7279

■ 172.7150,
-41.2715, 30.9449

■ 146.1330,
-72.0436, 54.2574

■ 178.5170,
-34.2719, 25.8566

■ 185.0200,
-27.1249, 20.1535

■ 190.9360,
-19.6884, 14.9651

■ 197.4390,
-12.5414, 9.2620

■ 203.3550, -5.1050,
4.0737

■ 209.7440, 1.6052,
-1.5295

■ 215.6600, 9.0416,
-6.7178

Harmonies

Analogous

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



162.6910, -41.2597, 73.9390



160.2960, -55.8549, 41.8364



155.1120, -50.3412, -0.0982

Triad

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



160.2960, -55.8549, 41.8364



136.7750, 34.1279, -119.9517



170.6410, 31.7290, 43.2878

Complementary

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



160.2960, -55.8549, 41.8364



94.7040, 55.8549, -41.8364

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.



163.3880, 45.1647, -19.6343



160.2960, -55.8549, 41.8364



139.1980, 56.1044, -122.0766

Square

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



160.2960, -55.8549, 41.8364



129.6900, 9.5198, -113.7381



132.3820, 60.4507, -116.0990



165.1990, 8.7759, 78.7555

Rectangle

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



160.2960, -55.8549, 41.8364



149.8010, -35.3979, -33.1515



132.3820, 60.4507, -116.0990



170.3550, 38.7720, 24.2447

Sweetspot

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



160.2960, -55.8549, 41.8364



237.7080, -20.5620, 15.1651



100.9530, -1.4558, 93.8802



116.8520, -12.2520, 9.7768



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.



160.2960, -55.8549, 41.8364



184.5440, -82.1062, 61.7899



180.6760, -65.9023, -2.3469



101.3980, -3.6472, 3.1590



118.3240, -58.3337, 43.5659



28.6950, -14.1466, 10.7915

Inverse Universe

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



94.7040, 55.8549, -41.8364



87.8690, 82.3956, -61.2751



74.3240, 65.9023, 2.3469



97.0150, 3.9366, -2.6442



49.6760, 58.3337, -43.5659



12.3050, 14.1466, -10.7915

Previews

White Background



This preview shows how the YUV color 160.2960, -55.8549, 41.8364 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 160.2960, -55.8549, 41.8364 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 160.2960, -55.8549, 41.8364 Background



This preview shows how black text looks on a background with the YUV color 160.2960, -55.8549, 41.8364.



This preview shows how white text looks on a background with the YUV color 160.2960, -55.8549, 41.8364.

41.8364.

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

160.2960, -55.8549, 41.8364

Protanopia

159.2290, -54.3429, 23.4782

Deuteranopia

160.5950, -56.0023, 42.4512



Tritanopia

169.2870, -5.0715, 40.0903

Trichromacy



Original Color

160.2960, -55.8549, 41.8364

Protanomaly

159.7460, -55.0908, 30.0408

Deuteranomaly

160.5950, -56.0023, 42.4512

Tritanomaly

166.0640, -23.6956, 40.2859

Monochromacy



Original Color

160.2960, -55.8549, 41.8364

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8220, -20.1252, 15.0651

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2960, -55.8549, 41.8364 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(208, 158, 47)` looks like.

```
.text, #text, p{  
    color:rgb(208, 158, 47)  
}
```

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(208, 158, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 158, 47) }
```

Border

The CSS property to change the border of an element to YUV 160.2960, -55.8549, 41.8364 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(208, 158, 47) }
```


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

```
.border{ border-color:rgb(208, 158, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 158, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 158, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 158, 47);  
box-shadow:4px 4px 4px 4px rgb(208, 158,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 160.2960, -55.8549, 41.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 158, 47) }
```

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

```
.background{ background-color: rgb(208,  
158, 47) }
```

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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