

Converting Colors

YUV(152.6560, -31.3824,
79.2317)

Have a look what the booklet for
YUV(152.6560, -31.3824, 79.2317)
contains.

YUV(152.6560, -31.3824, 79.2317)	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(152.6560, -31.3824,
79.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	F37759
RGB	243, 119, 89
RGB Percent	95%, 47%, 35%
CMY	0.0471, 0.5333, 0.6510
CMYK	0.00, 0.51, 0.63, 0.05
HSL	12°, 87%, 65%
HSV	12°, 63%, 95%
XYZ	45.3621, 32.9696, 13.4241
YIQ	152.6560, 83.5340, 16.9580

Conversions

Conversions Part 2

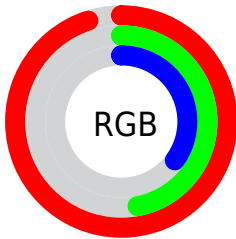
Format	Color
R _Y B	243, 126, 89
Decimal	15955801
CIE Lab	64.14, 45.33, 38.62
CIE LCh	64, 59.550, 40.436
Yxy	32.9696, 0.4944, 0.3593
Android (android.graphics.Color)	4294145881 (0xFFFF37759)
YUV	152.6560, -31.3824, 79.2317
Hunter-Lab	57.4192, 40.5346, 26.3319

Details

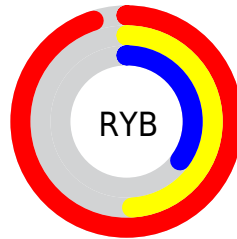
The YUV color **152.6560, -31.3824, 79.2317** is a light color, and the websafe version is hex **CC6633**. The color can be described as light muted orange. A complement of this color would be **179.3440, 31.3824, -79.2317**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3430, -26.7911, 53.1962**, and **97.6490, -27.4350, 73.0988** is the 20% darker color. If you saturate the color by 10%, you get **138.1800, -36.0777, 91.9271**, and if you desaturate by 10%, it is **167.1320, -26.6871, 66.5362**.

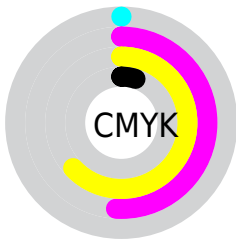
Distribution



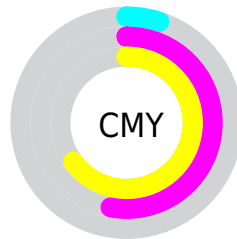
- Red (95%)
- Green (47%)
- Blue (35%)



- Red (95%)
- Yellow (49%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6560, -31.3824, 79.2317 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 152.6560, -31.3824, 79.2317 by changing the saturation by 10% instead.

152.6560,
-31.3824, 79.2317

152.6560,
-31.3824, 79.2317

255.0000, 0.0000,
0.0000

125.3890,
-29.7718, 75.9578

194.3430,
-26.7911, 53.1962

97.6490, -27.4350,
73.0988

213.7430,
-23.5373, 36.1824

70.3220, -24.8087,
70.7546

233.3710,
-19.4099, 18.9686

38.5270, -18.9938,
72.3288

251.2380,
-14.4143, 3.2993

27.2090, -13.4140,
55.9447

254.4300, -2.1840,
0.4999

18.8370, -9.2866,
38.7310

10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 152.6560,
-31.3824, 79.2317

■ 152.6560,
-31.3824, 79.2317

■ 138.1800,
-36.0777, 91.9271

■ 167.1320,
-26.6871, 66.5362

■ 124.1770,
-41.4993, 104.2078

■ 181.1350,
-21.2656, 54.2556

■ 109.7010,
-46.1946, 116.9032

■ 195.6110,
-16.5702, 41.5602

■ 100.2460,
-49.4213, 125.1953

■ 209.5000,
-11.5855, 29.3795

■ 223.9760, -6.8902,
16.6840

■ 237.9790, -1.4686,
4.4034

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



153.4160, -7.1071, 86.4582



152.6560, -31.3824, 79.2317



151.3820, -49.4883, 53.1620

Triad

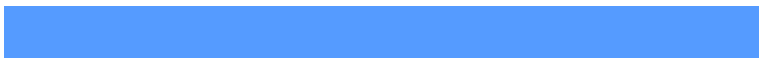
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



152.6560, -31.3824, 79.2317



118.5250, -0.2588, -103.9464



145.4700, 53.9983, -53.0322

Complementary

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



152.6560, -31.3824, 79.2317



179.3440, 31.3824, -79.2317

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.



129.4470, 61.8976, -113.5250



152.6560, -31.3824, 79.2317



125.9690, 23.1863, -110.4748

Square

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



152.6560, -31.3824, 79.2317



141.1220, -35.5561, -29.0480



130.4950, 45.6050, -114.4441



159.5070, 38.2040, 19.7264

Rectangle

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



152.6560, -31.3824, 79.2317



148.9740, -54.2172, 29.8408



130.4950, 45.6050, -114.4441



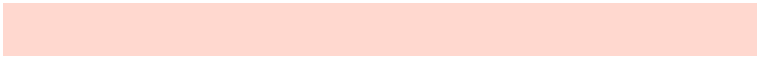
123.5770, 64.7915, -108.3770

Sweetspot

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



152.6560, -31.3824, 79.2317



226.6350, -9.6801, 24.8761



149.4100, 32.3359, 82.0784



110.4920, -6.1586, 15.3545



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.



152.6560, -31.3824, 79.2317



141.3120, -39.5938, 99.7044



196.6810, -53.0867, 40.6218



115.3490, -2.6371, 5.8329



76.7460, -37.8358, 95.8158



24.0980, -11.8803, 30.6091

Inverse Universe

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



179.3440, 31.3824, -79.2317



174.6880, 39.5938, -99.7044



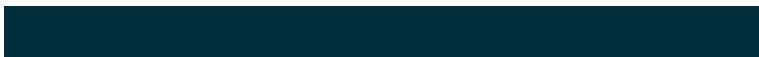
135.3190, 53.0867, -40.6218



117.2380, 2.3477, -6.3477



109.2540, 37.8358, -95.8158



34.3150, 12.1697, -30.0943

Previews

White Background



This preview shows how the YUV color 152.6560, -31.3824, 79.2317 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 152.6560, -31.3824, 79.2317 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 152.6560, -31.3824, 79.2317

Background



This preview shows how black text looks on a background with the YUV color 152.6560, -31.3824, 79.2317.



This preview shows how white text looks on a background with the YUV color 152.6560, -31.3824, 79.2317.

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

152.6560, -31.3824, 79.2317

Protanopia

153.8450, -25.0666, 13.2909

Deuteranopia

154.0340, -35.0198, 32.4192



Tritanopia

154.6680, -16.1053, 79.2212

Trichromacy



Original Color

152.6560, -31.3824, 79.2317

Protanomaly

153.7170, -27.4685, 37.0822

Deuteranomaly

153.4860, -33.7636, 49.5628

Tritanomaly

153.5880, -21.4889, 79.2913

Monochromacy



Original Color

152.6560, -31.3824, 79.2317

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2010, -11.4381, 28.7647

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6560, -31.3824, 79.2317 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(243, 119, 89)` looks like.

```
.text, #text, p{  
    color:rgb(243, 119, 89)  
}
```

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(243, 119, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 119, 89) }
```

Border

The CSS property to change the border of an element to YUV 152.6560, -31.3824, 79.2317 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(243, 119, 89) }
```


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

```
.border{ border-color:rgb(243, 119, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 119, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 119, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 119, 89);  
box-shadow:4px 4px 4px 4px rgb(243, 119,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 152.6560, -31.3824, 79.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 119, 89) }
```

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

```
.background{ background-color: rgb(243,  
119, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor