

Converting Colors

YUV(152.0790, -29.6189,
73.5987)

Have a look what the booklet for
YUV(152.0790, -29.6189, 73.5987)
contains.

YUV(152.0790, -29.6189, 73.5987)	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(152.0790, -29.6189,
73.5987)**

Conversions

Conversions Part 1

Format	Color
Hex	EC795C
RGB	236, 121, 92
RGB Percent	93%, 47%, 36%
CMY	0.0745, 0.5255, 0.6392
CMYK	0.00, 0.49, 0.61, 0.07
HSL	12°, 79%, 64%
HSV	12°, 61%, 93%
XYZ	43.3612, 32.2803, 14.0706
YIQ	152.0790, 77.8490, 15.3610

Conversions

Conversions Part 2

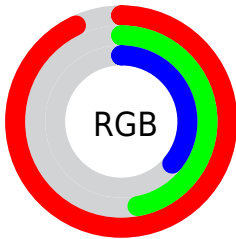
Format	Color
R_{YB}	236, 128, 92
Decimal	15497564
CIE _{Lab}	63.57, 41.92, 36.08
CIE _{LCh}	64, 55.308, 40.721
Yxy	32.2803, 0.4833, 0.3598
Android (android.graphics.Color)	4293687644 (0xFFEC795C)
YUV	152.0790, -29.6189, 73.5987
Hunter-Lab	56.8158, 36.8018, 25.0877

Details

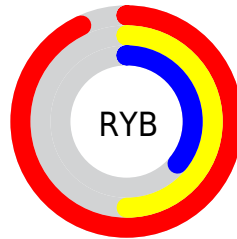
The YUV color **152.0790, -29.6189, 73.5987** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **175.9210, 29.6189, -73.5987**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2720, -25.7701, 52.3815**, and **97.9580, -26.1083, 67.5658** is the 20% darker color. If you saturate the color by 10%, you get **138.1900, -34.6037, 85.7794**, and if you desaturate by 10%, it is **165.9680, -24.6342, 61.4181**.

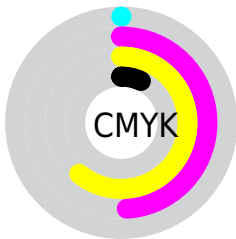
Distribution



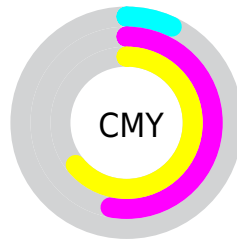
- Red (93%)
- Green (47%)
- Blue (36%)



- Red (93%)
- Yellow (50%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (61%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.0790, -29.6189, 73.5987 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 152.0790, -29.6189, 73.5987 by changing the saturation by 10% instead.

152.0790,
-29.6189, 73.5987

152.0790,
-29.6189, 73.5987

255.0000, 0.0000,
0.0000

124.8120,
-28.0083, 70.3249

195.2720,
-25.7701, 52.3815

97.9580, -26.1083,
67.5658

214.6720,
-22.5163, 35.3677

71.2180, -23.7715,
64.7068

234.8870,
-18.6783, 17.6391

42.3150, -20.8613,
64.6217

251.5800,
-13.1039, 2.9993

26.0130, -12.8244,
53.4856

254.8860, -0.4368,
0.1000

17.6410, -8.6970,
36.2718

8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 152.0790,
-29.6189, 73.5987

■ 152.0790,
-29.6189, 73.5987

■ 138.1900,
-34.6037, 85.7794

■ 165.9680,
-24.6342, 61.4181

■ 124.4150,
-39.1516, 97.8600

■ 179.7430,
-20.0863, 49.3374

■ 110.5260,
-44.1363, 110.0407

■ 193.6320,
-15.1016, 37.1567

■ 98.7400, -48.6788,
120.3770

■ 206.8200,
-10.2643, 25.5909

■ 220.7090, -5.2795,
13.4102

■ 234.5980, -0.2948,
1.2296

■ 248.1450, 3.3795,
-10.6512

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



153.5570, -7.6696, 80.1955



152.0790, -29.6189, 73.5987



150.6850, -45.6937, 49.3883

Triad

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



152.0790, -29.6189, 73.5987



116.9920, 1.4829, -102.6020



146.8300, 51.3558, -45.4549

Complementary

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



152.0790, -29.6189, 73.5987



175.9210, 29.6189, -73.5987

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.



126.7740, 59.2714, -111.1808



152.0790, -29.6189, 73.5987



123.9800, 23.1809, -108.7305

Square

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



152.0790, -29.6189, 73.5987



140.6430, -32.3620, -26.8739



128.0500, 43.8523, -112.2999



158.5840, 34.7151, 18.7818

Rectangle

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



152.0790, -29.6189, 73.5987



148.6300, -49.1176, 27.5115



128.0500, 43.8523, -112.2999



133.7220, 58.3111, -83.0712

Sweetspot

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



152.0790, -29.6189, 73.5987



228.0370, -9.3852, 23.6466



148.1660, 29.0052, 77.0304



111.1930, -6.0111, 14.7397



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.



152.0790, -29.6189, 73.5987



146.3330, -38.1252, 95.3010



194.3430, -50.4551, 36.5332



110.4630, -2.2003, 5.7329



75.2510, -37.0987, 92.7419



22.6030, -11.1433, 27.5352

Inverse Universe

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



175.9210, 29.6189, -73.5987



177.6670, 38.1252, -95.3010



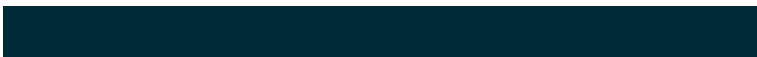
133.6570, 50.4551, -36.5332



112.5370, 2.2003, -5.7329



105.7490, 37.0987, -92.7419



31.3970, 11.1433, -27.5352

Previews

White Background



This preview shows how the YUV color 152.0790, -29.6189, 73.5987 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 152.0790, -29.6189, 73.5987 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 152.0790, -29.6189, 73.5987

Background



This preview shows how black text looks on a background with the YUV color 152.0790, -29.6189, 73.5987.



This preview shows how white text looks on a background with the YUV color 152.0790, -29.6189, 73.5987.

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

152.0790, -29.6189, 73.5987

Protanopia

152.3010, -23.3194, 12.8910

Deuteranopia

152.4190, -32.2516, 31.2045



Tritanopia

154.0910, -14.3419, 73.5882

Trichromacy



Original Color

152.0790, -29.6189, 73.5987

Protanomaly

152.1620, -25.7159, 34.9379

Deuteranomaly

152.4470, -31.2794, 46.0890

Tritanomaly

153.0110, -19.7254, 73.6584

Monochromacy



Original Color

152.0790, -29.6189, 73.5987

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.3040, -10.9959, 26.9204

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.0790, -29.6189, 73.5987 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(236, 121, 92)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 92)  
}
```

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(236, 121, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 92) }
```

Border

The CSS property to change the border of an element to YUV 152.0790, -29.6189, 73.5987 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(236, 121, 92) }
```


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

```
.border{ border-color:rgb(236, 121, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 121, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 92);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 152.0790, -29.6189, 73.5987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 92) }
```

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

```
.background{ background-color: rgb(236,  
121, 92) }
```

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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