

Converting Colors

YUV(143.2320, -48.4284,
86.6195)

Have a look what the booklet for
YUV(143.2320, -48.4284, 86.6195)
contains.

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Color

**YUV(143.2320, -48.4284,
86.6195)**

Conversions

Conversions Part 1

Format	Color
Hex	F2702D
RGB	242, 112, 45
RGB Percent	95%, 44%, 18%
CMY	0.0510, 0.5608, 0.8235
CMYK	0.00, 0.54, 0.81, 0.05
HSL	20°, 88%, 56%
HSV	20°, 81%, 95%
XYZ	42.8858, 30.6550, 6.1393
YIQ	143.2320, 98.9870, 6.7230

Conversions

Conversions Part 2

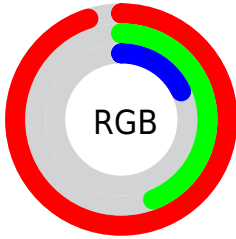
Format	Color
R _{YB}	242, 147, 45
Decimal	15888429
CIE _{Lab}	62.22, 46.36, 58.16
CIE _{LCh}	62, 74.379, 51.441
Yxy	30.6550, 0.5382, 0.3847
Android (android.graphics.Color)	4294078509 (0xFFFF2702D)
YUV	143.2320, -48.4284, 86.6195
Hunter-Lab	55.3670, 41.3690, 32.1826

Details

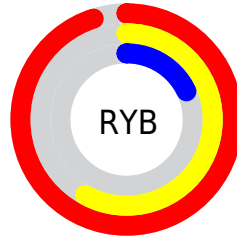
The YUV color **143.2320, -48.4284, 86.6195** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **143.7680, 48.4284, -86.6195**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6310, -43.6951, 61.7136**, and **88.1540, -43.4599, 79.6719** is the 20% darker color. If you saturate the color by 10%, you get **131.1040, -54.2813, 97.2558**, and if you desaturate by 10%, it is **155.3600, -42.5755, 75.9833**.

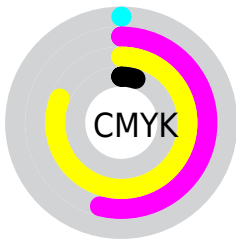
Distribution



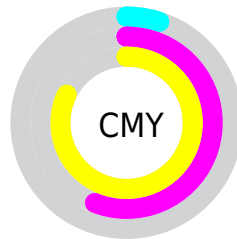
- Red (95%)
- Green (44%)
- Blue (18%)



- Red (95%)
- Yellow (58%)
- Blue (18%)



- Cyan (0%)
- Magenta (54%)
- Yellow (81%)
- Black (5%)



- Cyan (5%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.2320, -48.4284, 86.6195 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 143.2320, -48.4284, 86.6195 by changing the saturation by 10% instead.

143.2320,
-48.4284, 86.6195

143.2320,
-48.4284, 86.6195

255.0000, 0.0000,
0.0000

115.2100,
-48.4175, 83.1308

184.6310,
-43.6951, 61.7136

88.1540, -43.4599,
79.6719

204.0310,
-40.4413, 44.6998

62.4490, -30.7874,
75.0282

224.1320,
-37.0401, 27.0712

34.9830, -17.2466,
71.9289

244.3470,
-33.2021, 9.3427

26.0130, -12.8244,
53.4856

249.3000,
-21.8399, 4.9989

17.7550, -8.2602,
36.1719

252.4920, -9.6096,

7.8880, -3.3958,

2.1995

15.8842

■ 0.0000, 0.0000,
0.0000

■ 143.2320,
-48.4284, 86.6195

■ 143.2320,
-48.4284, 86.6195

■ 131.1040,
-54.2813, 97.2558

■ 155.3600,
-42.5755, 75.9833

■ 120.4920,
-59.4026, 106.5625

■ 167.4880,
-36.7226, 65.3470

■ 179.7300,
-30.4329, 54.6108

■ 191.8580,
-24.5800, 43.9745

■ 203.9860,
-18.7271, 33.3383

216.1140,
-12.8742, 22.7020

228.2420, -7.0213,
12.0658

240.4840, -0.7316,
1.3295

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



137.6370, -15.5970, 102.9274



143.2320, -48.4284, 86.6195



141.3710, -69.6959, 47.9096

Triad

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



143.2320, -48.4284, 86.6195



119.7790, 4.5460, -105.0462



143.5310, 54.9542, -32.9147

Complementary

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



143.2320, -48.4284, 86.6195



143.7680, 48.4284, -86.6195

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.



125.3380, 63.9234, -109.9214



143.2320, -48.4284, 86.6195



128.1180, 33.9588, -112.3595

Square

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



143.2320, -48.4284, 86.6195



118.9700, -28.5792, -73.6417



132.1540, 59.5771, -115.8991



153.4490, 39.7116, 49.5952

Rectangle

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



143.2320, -48.4284, 86.6195



137.9280, -67.9985, 16.7261



132.1540, 59.5771, -115.8991



117.1200, 67.9748, -102.7142

Sweetspot

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



143.2320, -48.4284, 86.6195



224.5660, -15.0690, 26.6906



118.8370, 28.1814, 108.0140



109.1070, -8.9268, 16.5692



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.



143.2320, -48.4284, 86.6195



129.6450, -61.4500, 109.9363



200.1710, -76.4993, 36.6840



113.9360, -2.9264, 5.3181



91.4100, -45.0651, 81.2014



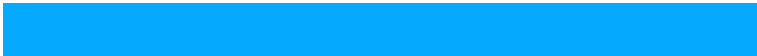
27.8970, -13.7532, 24.6463

Inverse Universe

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



143.7680, 48.4284, -86.6195



130.3550, 61.4500, -109.9363



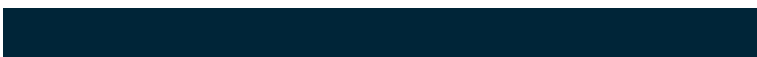
86.8290, 76.4993, -36.6840



114.0640, 2.9264, -5.3181



92.0030, 45.3545, -80.6866



28.1030, 13.7532, -24.6463

Previews

White Background



This preview shows how the YUV color 143.2320, -48.4284, 86.6195 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 143.2320, -48.4284, 86.6195 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 143.2320, -48.4284, 86.6195

Background



This preview shows how black text looks on a background with the YUV color 143.2320, -48.4284, 86.6195.



This preview shows how white text looks on a background with the YUV color 143.2320, -48.4284, 86.6195.

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

143.2320, -48.4284, 86.6195

Protanopia

145.1390, -44.4385, 20.0491

Deuteranopia

144.5130, -54.9759, 39.8921



Tritanopia

147.6580, -17.5794, 85.3689

Trichromacy



Original Color

143.2320, -48.4284, 86.6195

Protanomaly

144.5380, -46.1142, 44.2552

Deuteranomaly

144.1930, -52.8461, 56.8357

Tritanomaly

146.3840, -28.7833, 85.6092

Monochromacy



Original Color

143.2320, -48.4284, 86.6195

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.2030, -17.8481, 31.3940

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.2320, -48.4284, 86.6195 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(242, 112, 45)` looks like.

```
.text, #text, p{  
    color:rgb(242, 112, 45)  
}
```

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(242, 112, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 112, 45) }
```

Border

The CSS property to change the border of an element to YUV 143.2320, -48.4284, 86.6195 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(242, 112, 45) }
```


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

```
.border{ border-color:rgb(242, 112, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 112, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 112, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 112, 45);  
box-shadow:4px 4px 4px 4px rgb(242, 112,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 143.2320, -48.4284, 86.6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 112, 45) }
```

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

```
.background{ background-color: rgb(242,  
112, 45) }
```

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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