

Converting Colors

YUV(145.2300, -42.0184,
83.9903)

Have a look what the booklet for
YUV(145.2300, -42.0184, 83.9903)
contains.

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Color

**YUV(145.2300, -42.0184,
83.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	F1713C
RGB	241, 113, 60
RGB Percent	95%, 44%, 24%
CMY	0.0549, 0.5569, 0.7647
CMYK	0.00, 0.53, 0.75, 0.05
HSL	18°, 87%, 59%
HSV	18°, 75%, 95%
XYZ	42.9964, 30.8373, 7.9610
YIQ	145.2300, 93.3010, 10.6530

Conversions

Conversions Part 2

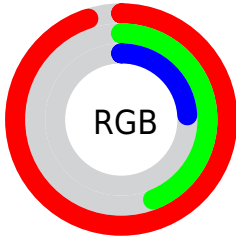
Format	Color
R _{YB}	241, 135, 60
Decimal	15823164
CIE _{Lab}	62.37, 46.02, 51.49
CIE _{LCh}	62, 69.061, 48.208
Yxy	30.8373, 0.5257, 0.3770
Android (android.graphics.Color)	4294013244 (0xFFFF1713C)
YUV	145.2300, -42.0184, 83.9903
Hunter-Lab	55.5313, 41.0278, 30.3721

Details

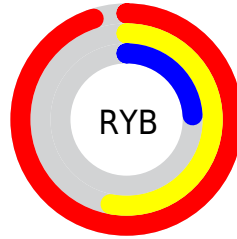
The YUV color **145.2300, -42.0184, 83.9903** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **155.7700, 42.0184, -83.9903**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8140, -37.8693, 59.7991**, and **89.2400, -40.5443, 77.8425** is the 20% darker color. If you saturate the color by 10%, you get **132.5150, -47.5819, 95.1413**, and if you desaturate by 10%, it is **157.9450, -36.4549, 72.8392**.

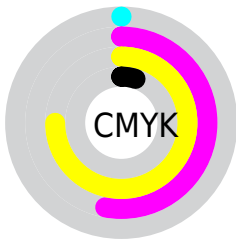
Distribution



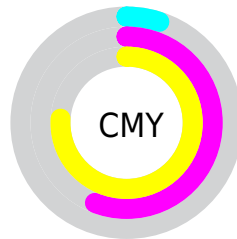
- Red (95%)
- Green (44%)
- Blue (24%)



- Red (95%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (5%)



- Cyan (5%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.2300, -42.0184, 83.9903 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 145.2300, -42.0184, 83.9903 by changing the saturation by 10% instead.

145.2300,
-42.0184, 83.9903

145.2300,
-42.0184, 83.9903

255.0000, 0.0000,
0.0000

117.5500,
-40.6972, 80.2017

186.8140,
-37.8693, 59.7991

89.2400, -40.5443,
77.8425

206.2140,
-34.6155, 42.7853

62.7370, -30.9293,
73.8987

226.3150,
-31.2143, 25.1567

34.9830, -17.2466,
71.9289

246.5300,
-27.3763, 7.4282

26.0130, -12.8244,
53.4856

250.8960,
-15.7247, 3.5992

17.7550, -8.2602,
36.1719

254.2020, -3.0576,

7.8880, -3.3958,

0.6998

15.8842

■ 0.0000, 0.0000,
0.0000

■ 145.2300,
-42.0184, 83.9903

■ 145.2300,
-42.0184, 83.9903

■ 132.5150,
-47.5819, 95.1413

■ 157.9450,
-36.4549, 72.8392

■ 119.8000,
-53.1454, 106.2924

■ 170.6600,
-30.8914, 61.6882

■ 113.7360,
-56.0718, 111.6105

■ 183.3750,
-25.3279, 50.5371

■ 196.0900,
-19.7644, 39.3861

■ 208.9190,
-13.7641, 28.1350

221.6340, -8.2006,
16.9840

234.3490, -2.6371,
5.8329

247.0640, 2.9264,
-5.3181

250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



142.2990, -12.9654, 98.8388



145.2300, -42.0184, 83.9903



141.3930, -69.7067, 51.3983

Triad

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



145.2300, -42.0184, 83.9903



118.6220, 2.6514, -104.0315



143.4870, 54.9759, -39.8921

Complementary

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



145.2300, -42.0184, 83.9903



155.7700, 42.0184, -83.9903

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.



125.9250, 63.6340, -110.4362



145.2300, -42.0184, 83.9903



126.3910, 29.8802, -110.8449

Square

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



145.2300, -42.0184, 83.9903



127.4780, -32.2807, -53.0392



130.7860, 54.3355, -114.6993



155.0410, 38.4338, 39.4290

Rectangle

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



145.2300, -42.0184, 83.9903



139.1460, -68.5990, 22.6740



130.7860, 54.3355, -114.6993



118.8810, 67.1067, -104.2586

Sweetspot

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



145.2300, -42.0184, 83.9903



224.2070, -13.9061, 27.0055



128.9390, 30.1031, 98.2775



108.6340, -8.2006, 16.9840



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.



145.2300, -42.0184, 83.9903



133.6860, -53.5822, 106.3924



197.4730, -67.7742, 38.1732



113.3490, -2.6371, 5.8329



86.7140, -42.7500, 85.3198



26.1360, -12.8850, 26.1907

Inverse Universe

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



155.7700, 42.0184, -83.9903



146.9010, 53.2928, -106.9072



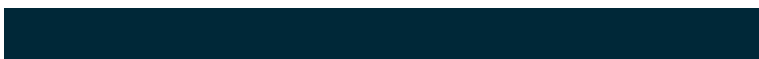
103.5270, 67.7742, -38.1732



114.0640, 2.9264, -5.3181



97.2860, 42.7500, -85.3198



29.8640, 12.8850, -26.1907

Previews

White Background



This preview shows how the YUV color 145.2300, -42.0184, 83.9903 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 145.2300, -42.0184, 83.9903 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 145.2300, -42.0184, 83.9903

Background



This preview shows how black text looks on a background with the YUV color 145.2300, -42.0184, 83.9903.



This preview shows how white text looks on a background with the YUV color 145.2300, -42.0184, 83.9903.

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

145.2300, -42.0184, 83.9903

Protanopia

146.9630, -37.4498, 18.4494

Deuteranopia

146.9670, -46.8187, 36.8629



Tritanopia

148.4620, -16.9898, 82.9098

Trichromacy



Original Color

145.2300, -42.0184, 83.9903

Protanomaly

146.3620, -39.1255, 42.6555

Deuteranomaly

146.5330, -45.1258, 53.9066

Tritanomaly

147.0570, -26.1571, 83.2650

Monochromacy



Original Color

145.2300, -42.0184, 83.9903

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8870, -15.2273, 30.7941

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2300, -42.0184, 83.9903 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(241, 113, 60)` looks like.

```
.text, #text, p{  
    color:rgb(241, 113, 60)  
}
```

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(241, 113, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 113, 60) }
```

Border

The CSS property to change the border of an element to YUV 145.2300, -42.0184, 83.9903 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(241, 113, 60) }
```


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

```
.border{ border-color:rgb(241, 113, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 113, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 113, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 113, 60);  
box-shadow:4px 4px 4px 4px rgb(241, 113,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 145.2300, -42.0184, 83.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 113, 60) }
```

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

```
.background{ background-color: rgb(241,  
113, 60) }
```

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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