

Converting Colors

YUV(157.7250, -46.2064,
73.9092)

Have a look what the booklet for
YUV(157.7250, -46.2064, 73.9092)
contains.

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Color

**YUV(157.7250, -46.2064,
73.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	F28540
RGB	242, 133, 64
RGB Percent	95%, 52%, 25%
CMY	0.0510, 0.4784, 0.7490
CMYK	0.00, 0.45, 0.74, 0.05
HSL	23°, 87%, 60%
HSV	23°, 74%, 95%
XYZ	45.9309, 36.0225, 9.3827
YIQ	157.7250, 87.1130, 1.6490

Conversions

Conversions Part 2

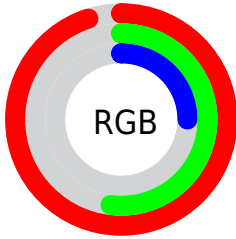
Format	Color
R_{YB}	242, 177, 64
Decimal	15893824
CIE _{Lab}	66.54, 36.60, 53.97
CIE _{LCh}	67, 65.209, 55.852
Yxy	36.0225, 0.5029, 0.3944
Android (android.graphics.Color)	4294083904 (0xFFFF28540)
YUV	157.7250, -46.2064, 73.9092
Hunter-Lab	60.0187, 31.5690, 32.7443

Details

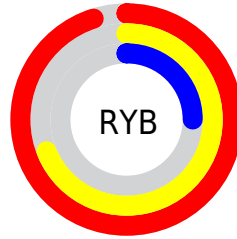
The YUV color **157.7250, -46.2064, 73.9092** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **148.2750, 46.2064, -73.9092**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1240, -41.4731, 49.0033**, and **102.9800, -46.3321, 67.5465** is the 20% darker color. If you saturate the color by 10%, you get **146.1840, -52.3487, 84.0306**, and if you desaturate by 10%, it is **169.2660, -40.0641, 63.7877**.

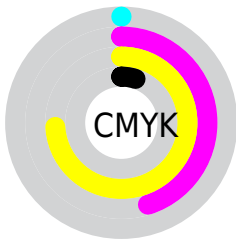
Distribution



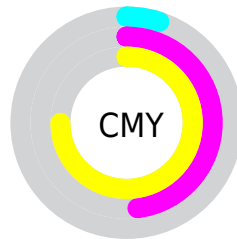
- Red (95%)
- Green (52%)
- Blue (25%)



- Red (95%)
- Yellow (69%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7250, -46.2064, 73.9092 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 157.7250, -46.2064, 73.9092 by changing the saturation by 10% instead.

157.7250,
-46.2064, 73.9092

157.7250,
-46.2064, 73.9092

255.0000, 0.0000,
0.0000

130.3440,
-45.0326, 70.7353

199.1240,
-41.4731, 49.0033

102.9800,
-46.3321, 67.5465

218.6380,
-37.7825, 31.8895

78.0100, -38.4589,
62.2582

238.7390,
-34.3813, 14.2609

54.6640, -26.9494,
57.2997

248.3880,
-25.3343, 5.7987

28.0840, -13.8454,
54.3003

251.5800,
-13.1039, 2.9993

18.5380, -9.1392,
38.1162

254.8860, -0.4368,

10.5790, -4.7224,

0.1000

21.4172

■ 0.0000, 0.0000,
0.0000

■ 157.7250,
-46.2064, 73.9092

■ 157.7250,
-46.2064, 73.9092

■ 146.1840,
-52.3487, 84.0306

■ 169.2660,
-40.0641, 63.7877

■ 134.6430,
-58.4910, 94.1521

■ 180.8070,
-33.9219, 53.6663

■ 127.5360,
-62.8752, 100.3849

■ 191.8750,
-27.0534, 43.9596

■ 203.4160,
-20.9111, 33.8382

■ 214.9570,
-14.7688, 23.7167

226.4980, -8.6265,
13.5953

238.0390, -2.4842,
3.4738

249.3520, 2.7845,
-6.4477

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.



154.3980, -19.9162, 88.2280



157.7250, -46.2064, 73.9092



154.4930, -61.3750, 39.0326

Triad

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



157.7250, -46.2064, 73.9092



128.1570, 11.2616, -112.3937



161.0730, 46.3060, -12.3420

Complementary

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



157.7250, -46.2064, 73.9092



148.2750, 46.2064, -73.9092

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



157.7250, -46.2064, 73.9092



134.9970, 37.4695, -118.3924

Square

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



157.7250, -46.2064, 73.9092



136.1370, -21.7595, -67.6491



137.0780, 58.1355, -120.2174



166.0550, 30.5389, 51.6948

Rectangle

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



157.7250, -46.2064, 73.9092



151.4030, -58.3727, 9.2936



137.0780, 58.1355, -120.2174



153.8090, 49.8872, -41.0515

Sweetspot

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



157.7250, -46.2064, 73.9092



228.6580, -14.6214, 23.1019



129.7620, 21.8093, 98.4327



111.7970, -8.7739, 14.2100



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.



157.7250, -46.2064, 73.9092



149.0450, -58.1962, 92.9225



209.3810, -71.6728, 28.6069



114.5230, -3.2158, 4.8033



96.6930, -47.6696, 76.5682



29.6580, -14.6214, 23.1019

Inverse Universe

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



148.2750, 46.2064, -73.9092



136.9550, 58.1962, -92.9225



96.6190, 71.6728, -28.6069



113.4770, 3.2158, -4.8033



86.7200, 47.9590, -76.0534



26.3420, 14.6214, -23.1019

Previews

White Background



This preview shows how the YUV color 157.7250, -46.2064, 73.9092 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 157.7250, -46.2064, 73.9092 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 157.7250, -46.2064, 73.9092

Background



This preview shows how black text looks on a background with the YUV color 157.7250, -46.2064, 73.9092.



This preview shows how white text looks on a background with the YUV color 157.7250, -46.2064, 73.9092.

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

157.7250, -46.2064, 73.9092

Protanopia

157.2360, -41.5283, 19.9640

Deuteranopia

157.7070, -49.1556, 39.7220



Tritanopia

162.2050, -13.9051, 73.4882

Trichromacy



Original Color

157.7250, -46.2064, 73.9092

Protanomaly

157.3140, -43.0458, 40.0666

Deuteranomaly

157.4250, -48.0305, 52.2473

Tritanomaly

160.8170, -25.5458, 73.8285

Monochromacy



Original Color

157.7250, -46.2064, 73.9092

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1100, -16.8162, 27.0905

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7250, -46.2064, 73.9092 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, 133, 64)` looks like.

```
.text, #text, p{  
    color:rgb(242, 133, 64)  
}
```

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, 133, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 133, 64) }
```

Border

The CSS property to change the border of an element to YUV 157.7250, -46.2064, 73.9092 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, 133, 64) }
```


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

```
.border{ border-color:rgb(242, 133, 64) }
```

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

Here you see how a box with a 4 pixel rgb(242, 133, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 133, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 133, 64);  
box-shadow:4px 4px 4px 4px rgb(242, 133,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 157.7250, -46.2064, 73.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 133, 64) }
```

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

```
.background{ background-color: rgb(242,  
133, 64) }
```

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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