

Converting Colors

YUV(163.7400, -42.2698,
71.2650)

Have a look what the booklet for
YUV(163.7400, -42.2698, 71.2650)
contains.

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Color

**YUV(163.7400, -42.2698,
71.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	F58B4E
RGB	245, 139, 78
RGB Percent	96%, 55%, 31%
CMY	0.0392, 0.4549, 0.6941
CMYK	0.00, 0.43, 0.68, 0.04
HSL	22°, 89%, 63%
HSV	22°, 68%, 96%
XYZ	48.2640, 38.4278, 12.0812
YIQ	163.7400, 82.7570, 3.5010

Conversions

Conversions Part 2

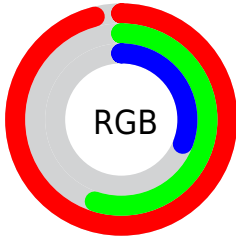
Format	Color
R_{YB}	245, 174, 78
Decimal	16091982
CIE _{Lab}	68.33, 35.39, 49.30
CIE _{LCh}	68, 60.686, 54.328
Yxy	38.4278, 0.4886, 0.3891
Android (android.graphics.Color)	4294282062 (0xFFFF58B4E)
YUV	163.7400, -42.2698, 71.2650
Hunter-Lab	61.9901, 30.4928, 31.8381

Details

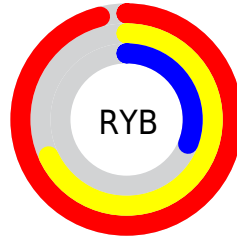
The YUV color **163.7400, -42.2698, 71.2650** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **159.2600, 42.2698, -71.2650**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8290, -37.3837, 44.0000**, and **108.9780, -39.9222, 64.9173** is the 20% darker color. If you saturate the color by 10%, you get **151.6120, -48.1227, 81.9013**, and if you desaturate by 10%, it is **175.9820, -35.9801, 60.5288**.

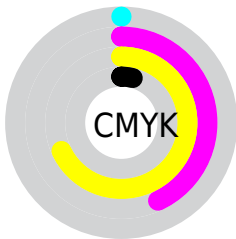
Distribution



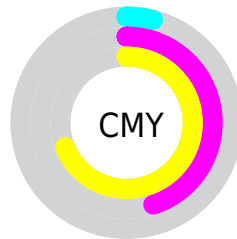
- Red (96%)
- Green (55%)
- Blue (31%)



- Red (96%)
- Yellow (68%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7400, -42.2698, 71.2650 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 163.7400, -42.2698, 71.2650 by changing the saturation by 10% instead.

163.7400,
-42.2698, 71.2650

163.7400,
-42.2698, 71.2650

255.0000, 0.0000,
0.0000

136.3590,
-41.0960, 68.0912

204.8290,
-37.3837, 44.0000

108.9780,
-39.9222, 64.9173

224.3430,
-33.6931, 26.8862

82.1410, -40.4955,
62.1433

244.4440,
-30.2919, 9.2576

59.3820, -29.2753,
56.6700

249.9840,
-19.2191, 4.3990

34.5630, -17.0396,
52.1262

253.2900, -6.5520,
1.4997

19.7340, -9.7289,
40.5753

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 163.7400,
-42.2698, 71.2650

■ 163.7400,
-42.2698, 71.2650

■ 151.6120,
-48.1227, 81.9013

■ 175.9820,
-35.9801, 60.5288

■ 139.9570,
-54.7018, 92.1227

■ 187.5230,
-29.8378, 50.4073

■ 127.8290,
-60.5547, 102.7590

■ 199.7650,
-23.5481, 39.6711

■ 125.4980,
-61.8705, 104.8033

■ 211.3060,
-17.4059, 29.5496

■ 223.5480,
-11.1162, 18.8134

■ 235.0890, -4.9739,
8.6919

■ 247.3310, 1.3158,
-2.0443

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



160.9350, -17.7160, 82.4950



163.7400, -42.2698, 71.2650



160.9150, -54.6811, 38.6625

Triad

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



163.7400, -42.2698, 71.2650



130.8470, 11.4144, -114.7528



165.4920, 44.1274, -13.5865

Complementary

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



163.7400, -42.2698, 71.2650



159.2600, 42.2698, -71.2650

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.



132.3820, 60.4507, -116.0990



163.7400, -42.2698, 71.2650



137.2310, 35.8751, -120.3516

Square

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



163.7400, -42.2698, 71.2650



145.6870, -22.5237, -55.8535



139.4260, 56.9780, -122.2766



171.3810, 29.3922, 46.1469

Rectangle

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



163.7400, -42.2698, 71.2650



157.9070, -52.7052, 11.4826



139.4260, 56.9780, -122.2766



159.4240, 47.1190, -39.8368

Sweetspot

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



163.7400, -42.2698, 71.2650



230.4020, -13.0162, 21.5724



140.3590, 22.9940, 91.7702



112.7260, -7.7529, 13.3953



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.



163.7400, -42.2698, 71.2650



153.1030, -52.8018, 89.3637



211.2870, -65.7105, 29.5663



116.5230, -3.2158, 4.8033



95.5300, -47.0963, 79.3422



29.9680, -14.7742, 25.4611

Inverse Universe

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



159.2600, 42.2698, -71.2650



147.8970, 52.8018, -89.3637



111.7130, 65.7105, -29.5663



116.0640, 2.9264, -5.3181



90.4700, 47.0963, -79.3422



28.4450, 15.0636, -24.9463

Previews

White Background



This preview shows how the YUV color 163.7400, -42.2698, 71.2650 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 163.7400, -42.2698, 71.2650 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 163.7400, -42.2698, 71.2650 Background



This preview shows how black text looks on a background with the YUV color 163.7400, -42.2698, 71.2650.



This preview shows how white text looks on a background with the YUV color 163.7400, -42.2698,

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

163.7400, -42.2698, 71.2650

Protanopia

162.9630, -37.4498, 18.4494

Deuteranopia

163.5480, -44.6402, 38.1074



Tritanopia

168.0090, -13.3154, 71.0291

Trichromacy



Original Color

163.7400, -42.2698, 71.2650

Protanomaly

163.3290, -39.1092, 37.4225

Deuteranomaly

163.8530, -43.8045, 50.1179

Tritanomaly

166.8490, -24.0826, 71.1694

Monochromacy



Original Color

163.7400, -42.2698, 71.2650

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8540, -15.2110, 25.5610

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7400, -42.2698, 71.2650 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(245, 139, 78)` looks like.

```
.text, #text, p{  
    color:rgb(245, 139, 78)  
}
```

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(245, 139, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 139, 78) }
```

Border

The CSS property to change the border of an element to YUV 163.7400, -42.2698, 71.2650 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(245, 139, 78) }
```


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

```
.border{ border-color:rgb(245, 139, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 139, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 139, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 139, 78);  
box-shadow:4px 4px 4px 4px rgb(245, 139,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 163.7400, -42.2698, 71.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 139, 78) }
```

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

```
.background{ background-color: rgb(245,  
139, 78) }
```

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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