

Converting Colors

YUV(155.3600, -42.5755,
75.9833)

Have a look what the booklet for
YUV(155.3600, -42.5755, 75.9833)
contains.

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Color

**YUV(155.3600, -42.5755,
75.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	F28045
RGB	242, 128, 69
RGB Percent	95%, 50%, 27%
CMY	0.0510, 0.4980, 0.7294
CMYK	0.00, 0.47, 0.71, 0.05
HSL	20°, 87%, 61%
HSV	20°, 71%, 95%
XYZ	45.4113, 34.7453, 9.9433
YIQ	155.3600, 86.8830, 5.8190

Conversions

Conversions Part 2

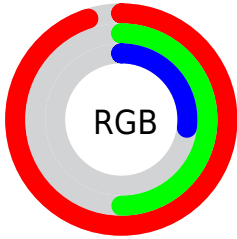
Format	Color
R_{YB}	242, 159, 69
Decimal	15892549
CIE _{Lab}	65.55, 39.37, 50.54
CIE _{LCh}	66, 64.066, 52.079
Yxy	34.7453, 0.5040, 0.3856
Android (android.graphics.Color)	4294082629 (0xFFFF28045)
YUV	155.3600, -42.5755, 75.9833
Hunter-Lab	58.9451, 34.3624, 31.2601

Details

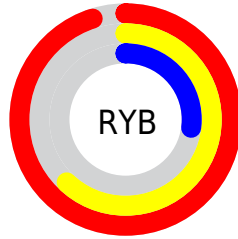
The YUV color **155.3600, -42.5755, 75.9833** is a light color, and the websafe version is hex **CC6633**. The color can be described as light washed orange. A complement of this color would be **155.6400, 42.5755, -75.9833**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7590, -37.8422, 51.0774**, and **100.4840, -40.6646, 69.7355** is the 20% darker color. If you saturate the color by 10%, you get **143.2320, -48.4284, 86.6195**, and if you desaturate by 10%, it is **167.4880, -36.7226, 65.3470**.

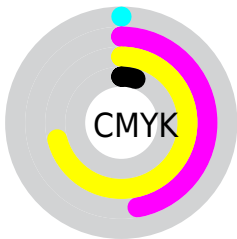
Distribution



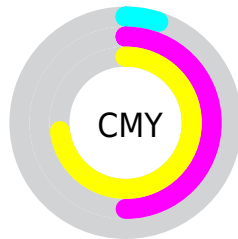
- Red (95%)
- Green (50%)
- Blue (27%)



- Red (95%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (47%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3600, -42.5755, 75.9833 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 155.3600, -42.5755, 75.9833 by changing the saturation by 10% instead.

155.3600,
-42.5755, 75.9833

155.3600,
-42.5755, 75.9833

255.0000, 0.0000,
0.0000

127.9790,
-41.4016, 72.8094

196.7590,
-37.8422, 51.0774

100.4840,
-40.6646, 69.7355

216.1590,
-34.5884, 34.0636

74.4880, -36.7226,
65.3470

236.2600,
-31.1872, 16.4350

49.9680, -24.6342,
61.4181

248.8440,
-23.5871, 5.3988

26.9100, -13.2666,
55.3299

252.1500,
-10.9200, 2.4994

18.5380, -9.1392,
38.1162

10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 155.3600,
-42.5755, 75.9833

■ 155.3600,
-42.5755, 75.9833

■ 143.2320,
-48.4284, 86.6195

■ 167.4880,
-36.7226, 65.3470

■ 131.1040,
-54.2813, 97.2558

■ 179.6160,
-30.8697, 54.7108

■ 121.0790,
-59.6919, 106.0477

■ 191.8580,
-24.5800, 43.9745

■ 203.9860,
-18.7271, 33.3383

■ 216.1140,
-12.8742, 22.7020

■ 228.2420, -7.0213,
12.0658

■ 240.3700, -1.1684,
1.4295

■ 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.



153.2070, -16.8641, 89.2725



155.3600, -42.5755, 75.9833



152.7970, -59.0599, 43.1510

Triad

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



155.3600, -42.5755, 75.9833



125.3700, 8.1986, -109.9495



156.2890, 48.6645, -22.1785

Complementary

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



155.3600, -42.5755, 75.9833



155.6400, 42.5755, -75.9833

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.



128.8600, 62.1870, -113.0102



155.3600, -42.5755, 75.9833



132.0960, 33.9697, -115.8482

Square

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



155.3600, -42.5755, 75.9833



137.1770, -25.7233, -56.2832



135.2200, 56.0935, -118.5879



163.6950, 33.1814, 44.1175

Rectangle

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



155.3600, -42.5755, 75.9833



149.7350, -58.5364, 15.1414



135.2200, 56.0935, -118.5879



147.5300, 52.9827, -53.9618

Sweetspot

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



155.3600, -42.5755, 75.9833



228.2990, -13.4584, 23.4168



133.8370, 24.7304, 94.8590



111.4380, -7.6109, 14.5249



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.



155.3600, -42.5755, 75.9833



144.9190, -53.6971, 96.5410



205.2550, -67.1737, 32.2254



113.9360, -2.9264, 5.3181



91.9970, -45.3545, 80.6866



27.8970, -13.7532, 24.6463

Inverse Universe

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



155.6400, 42.5755, -75.9833



145.4940, 53.9865, -96.0262



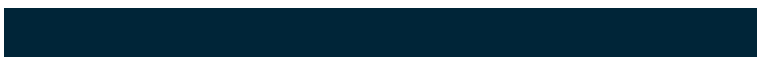
105.7450, 67.1737, -32.2254



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 155.3600, -42.5755, 75.9833 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 155.3600, -42.5755, 75.9833 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 155.3600, -42.5755, 75.9833 Background



This preview shows how black text looks on a background with the YUV color 155.3600, -42.5755, 75.9833.



This preview shows how white text looks on a background with the YUV color 155.3600, -42.5755, 75.9833.

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

155.3600, -42.5755, 75.9833

Protanopia

155.8490, -37.8866, 18.5494

Deuteranopia

155.9070, -45.8032, 37.7926



Tritanopia

159.1020, -14.3473, 75.3325

Trichromacy



Original Color

155.3600, -42.5755, 75.9833

Protanomaly

155.5250, -39.6988, 39.8816

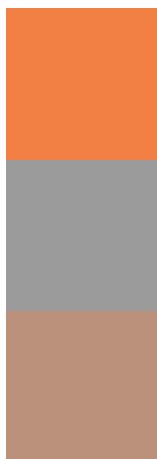
Deuteranomaly

155.6360, -44.6835, 52.0622

Tritanomaly

158.0560, -24.6776, 75.3729

Monochromacy



Original Color

155.3600, -42.5755, 75.9833

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1640, -15.3639, 27.9202

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3600, -42.5755, 75.9833 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, 128, 69)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 69)  
}
```

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, 128, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 69) }
```

Border

The CSS property to change the border of an element to YUV 155.3600, -42.5755, 75.9833 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, 128, 69) }
```


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

```
.border{ border-color:rgb(242, 128, 69) }
```

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

Here you see how a box with a 4 pixel rgb(242, 128, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 69);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 155.3600, -42.5755, 75.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 69) }
```

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

```
.background{ background-color: rgb(242,  
128, 69) }
```

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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