

Converting Colors

YUV(140.3600, -42.5755,
75.9833)

Have a look what the booklet for
YUV(140.3600, -42.5755, 75.9833)
contains.

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Color

**YUV(140.3600, -42.5755,
75.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	E37136
RGB	227, 113, 54
RGB Percent	89%, 44%, 21%
CMY	0.1098, 0.5569, 0.7882
CMYK	0.00, 0.50, 0.76, 0.11
HSL	20°, 76%, 55%
HSV	20°, 76%, 89%
XYZ	38.2495, 28.4075, 6.9572
YIQ	140.3600, 86.8830, 5.8190

Conversions

Conversions Part 2

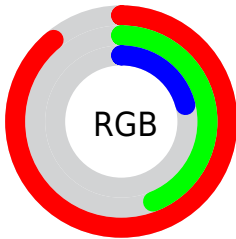
Format	Color
R _Y B	227, 144, 54
Decimal	14905654
CIE Lab	60.26, 40.46, 51.52
CIE LCh	60, 65.507, 51.854
Yxy	28.4075, 0.5196, 0.3859
Android (android.graphics.Color)	4293095734 (0xFFE37136)
YUV	140.3600, -42.5755, 75.9833
Hunter-Lab	53.2987, 34.8270, 29.5698

Details

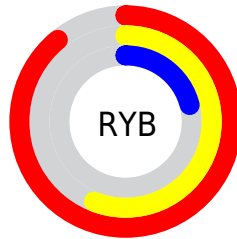
The YUV color **140.3600, -42.5755, 75.9833** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **140.6400, 42.5755, -75.9833**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1300, -40.4901, 60.3990**, and **85.7290, -42.2644, 69.5207** is the 20% darker color. If you saturate the color by 10%, you get **128.9330, -48.2810, 86.0048**, and if you desaturate by 10%, it is **151.7870, -36.8700, 65.9618**.

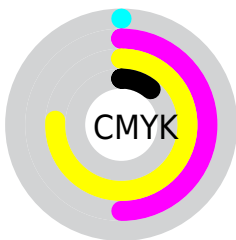
Distribution



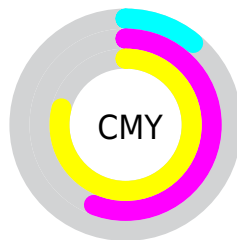
- Red (89%)
- Green (44%)
- Blue (21%)



- Red (89%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.3600, -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 140.3600, -42.5755, 75.9833 by changing the saturation by 10% instead.

140.3600,
-42.5755, 75.9833

140.3600,
-42.5755, 75.9833

255.0000, 0.0000,
0.0000

112.9790,
-41.4016, 72.8094

186.1300,
-40.4901, 60.3990

85.7290, -42.2644,
69.5207

204.9430,
-36.9469, 43.9000

61.4970, -30.3180,
64.4621

225.0440,
-33.5457, 26.2714

33.7430, -16.6353,
62.4924

245.1450,
-30.1445, 8.6428

22.7240, -11.2029,
46.7231

250.0980,
-18.7823, 4.2991

15.4770, -6.6442,
31.1537

253.4040, -6.1152,

0.0000, 0.0000,

1.3997

0.0000

■ 140.3600,
-42.5755, 75.9833

■ 140.3600,
-42.5755, 75.9833

■ 128.9330,
-48.2810, 86.0048

■ 151.7870,
-36.8700, 65.9618

■ 117.6200,
-53.5497, 95.9263

■ 163.1000,
-31.6013, 56.0403

■ 113.0720,
-55.7445, 99.9149

■ 174.5270,
-25.8958, 46.0188

■ 185.9540,
-20.1903, 35.9973

■ 197.3810,
-14.4848, 25.9759

■ 208.6940, -9.2161,
16.0544

■ 220.1210, -3.5107,
6.0329

■ 231.5480, 2.1948,
-3.9886

■ 242.5190, 6.1531,
-13.6102

Harmonies

Analogous

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



139.6530, -16.5909, 95.0203



140.3600, -42.5755, 75.9833



136.6740, -65.9013, 44.1359

Triad

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



140.3600, -42.5755, 75.9833



114.8550, 5.9875, -100.7278



143.0480, 54.2063, -26.3521

Complementary

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



140.3600, -42.5755, 75.9833



140.6400, 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.



121.2290, 65.9491, -106.3178



140.3600, -42.5755, 75.9833



122.2820, 31.9060, -107.2413

Square

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



140.3600, -42.5755, 75.9833



121.4540, -25.8598, -59.1572



125.4060, 54.0298, -109.9811



148.8090, 33.6182, 44.0175

Rectangle

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



140.3600, -42.5755, 75.9833



133.4980, -65.8145, 16.2263



125.4060, 54.0298, -109.9811



130.9400, 61.1616, -63.9684

Sweetspot

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



140.3600, -42.5755, 75.9833



225.3810, -14.4848, 25.9759



118.8370, 24.7304, 94.8590



109.8080, -8.7793, 15.9544



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.



140.3600, -42.5755, 75.9833



138.7410, -57.0603, 101.9591



190.2550, -67.1737, 32.2254



108.9360, -2.9264, 5.3181



89.3280, -44.0387, 78.6423



25.2280, -12.4374, 22.6020

Inverse Universe

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



140.6400, 42.5755, -75.9833



139.2590, 57.0603, -101.9591



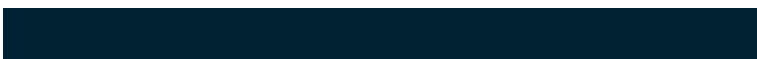
90.7450, 67.1737, -32.2254



109.0640, 2.9264, -5.3181



89.6720, 44.0387, -78.6423



25.7720, 12.4374, -22.6020

Previews

White Background



This preview shows how the YUV color 140.3600, -42.5755, 75.9833 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 140.3600, -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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.3600, -42.5755, 75.9833 Background



This preview shows how black text looks on a background with the YUV color 140.3600, -42.5755, 75.9833.



This preview shows how white text looks on a background with the YUV color 140.3600, -42.5755, 75.9833.

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

140.3600, -42.5755, 75.9833

Protanopia

141.3220, -38.6127, 18.1346

Deuteranopia

140.7820, -46.2345, 36.1482



Tritanopia

143.9880, -14.7841, 75.4325

Trichromacy



Original Color

140.3600, -42.5755, 75.9833

Protanomaly

141.1120, -39.9882, 39.3668

Deuteranomaly

140.6250, -44.6781, 50.3179

Tritanomaly

142.9420, -25.1144, 75.4729

Monochromacy



Original Color

140.3600, -42.5755, 75.9833

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1640, -15.3639, 27.9202

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3600, -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(227, 113, 54)` looks like.

```
.text, #text, p{  
    color:rgb(227, 113, 54)  
}
```

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(227, 113, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 113, 54) }
```

Border

The CSS property to change the border of an element to YUV 140.3600, -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(227, 113, 54) }
```


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

```
.border{ border-color:rgb(227, 113, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 113, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 113, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 113, 54);  
box-shadow:4px 4px 4px 4px rgb(227, 113,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 140.3600, -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(227, 113, 54) }
```

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

```
.background{ background-color: rgb(227,  
113, 54) }
```

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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