

Converting Colors

YUV(140.7330, -55.0844,
74.7792)

Have a look what the booklet for
YUV(140.7330, -55.0844, 74.7792)
contains.

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Color

**YUV(140.7330, -55.0844,
74.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	E2771D
RGB	226, 119, 29
RGB Percent	89%, 47%, 11%
CMY	0.1137, 0.5333, 0.8863
CMYK	0.00, 0.47, 0.87, 0.11
HSL	27°, 77%, 50%
HSV	27°, 87%, 89%
XYZ	38.1826, 29.4511, 4.8346
YIQ	140.7330, 92.6620, -5.3060

Conversions

Conversions Part 2

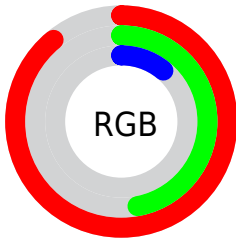
Format	Color
R _Y B	226, 195, 29
Decimal	14841629
CIE Lab	61.18, 36.27, 62.24
CIE LCh	61, 72.040, 59.771
Yxy	29.4511, 0.5269, 0.4064
Android (android.graphics.Color)	4293031709 (0xFFE2771D)
YUV	140.7330, -55.0844, 74.7792
Hunter-Lab	54.2689, 30.6189, 32.7063

Details

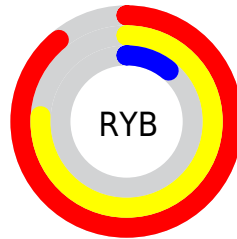
The YUV color **140.7330, -55.0844, 74.7792** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **114.2670, 55.0844, -74.7792**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7850, -50.6730, 59.8246**, and **88.9520, -43.8533, 65.8171** is the 20% darker color. If you saturate the color by 10%, you get **131.0670, -61.6580, 83.2562**, and if you desaturate by 10%, it is **150.3990, -48.5107, 66.3021**.

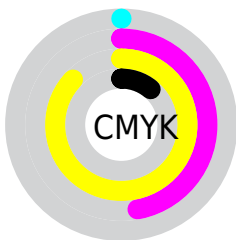
Distribution



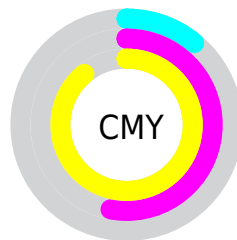
- Red (89%)
- Green (47%)
- Blue (11%)



- Red (89%)
- Yellow (76%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (53%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7330, -55.0844, 74.7792 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 140.7330, -55.0844, 74.7792 by changing the saturation by 10% instead.

140.7330,
-55.0844, 74.7792

140.7330,
-55.0844, 74.7792

255.0000, 0.0000,
0.0000

112.8960,
-55.6577, 72.0052

186.7850,
-50.6730, 59.8246

88.9520, -43.8533,
65.8171

206.1850,
-47.4192, 42.8108

65.5950, -32.3383,
59.1142

226.2860,
-44.0180, 25.1822

41.3630, -20.3920,
54.0556

244.6260,
-39.7486, 9.0980

22.1260, -10.9081,
45.4935

247.8180,
-27.5183, 6.2986

14.7650, -6.7861,
30.0241

251.1240,

0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 140.7330,
-55.0844, 74.7792

■ 140.7330,
-55.0844, 74.7792

■ 131.0670,
-61.6580, 83.2562

■ 150.3990,
-48.5107, 66.3021

■ 128.0350,
-63.1213, 85.9153

■ 160.5380,
-42.6632, 57.4102

■ 170.2040,
-36.0896, 48.9331

■ 179.7560,
-29.9527, 40.5560

■ 189.4220,
-23.3790, 32.0789

■ 199.6750,
-17.0948, 23.0870

■ 209.2270,
-10.9579, 14.7099

■ 218.8930, -4.3842,
6.2328

■ 228.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



139.1070, -25.1958, 101.6382



140.7330, -55.0844, 74.7792



138.0380, -68.0527, 34.1697

Triad

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



140.7330, -55.0844, 74.7792



119.8420, 12.4029, -105.1014



148.4250, 52.5415, -5.6347

Complementary

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



140.7330, -55.0844, 74.7792



114.2670, 55.0844, -74.7792

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.



120.6420, 66.2385, -105.8030



140.7330, -55.0844, 74.7792



127.1380, 40.3580, -111.5000

Square

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



140.7330, -55.0844, 74.7792



109.9700, -15.2682, -96.4437



128.8600, 62.1870, -113.0102



149.6590, 31.2271, 64.3201

Rectangle

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



140.7330, -55.0844, 74.7792



133.1220, -65.6291, 3.4010



128.8600, 62.1870, -113.0102



140.2530, 56.5703, -37.9329

Sweetspot

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



140.7330, -55.0844, 74.7792



226.3440, -18.4106, 25.1313



100.2150, 18.1350, 110.3134



110.5260, -11.1053, 15.3247



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.



140.7330, -55.0844, 74.7792



144.3370, -71.1581, 97.0515



197.6720, -83.1553, 24.8437



107.2240, -3.0684, 4.1886



99.5840, -49.0949, 67.0168



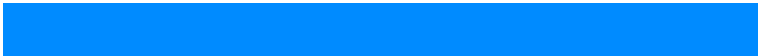
27.2660, -13.4421, 18.1837

Inverse Universe

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



114.2670, 55.0844, -74.7792



110.6630, 71.1581, -97.0515



57.3280, 83.1553, -24.8437



105.7760, 3.0684, -4.1886



76.4160, 49.0949, -67.0168



20.7340, 13.4421, -18.1837

Previews

White Background



This preview shows how the YUV color 140.7330, -55.0844, 74.7792 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 140.7330, -55.0844, 74.7792 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 140.7330, -55.0844, 74.7792

Background



This preview shows how black text looks on a background with the YUV color 140.7330, -55.0844, 74.7792.



This preview shows how white text looks on a background with the YUV color 140.7330, -55.0844, 74.7792.

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

140.7330, -55.0844, 74.7792

Protanopia

140.7280, -51.1379, 22.1635

Deuteranopia

139.4610, -62.8383, 41.6917



Tritanopia

147.4930, -14.0470, 72.3586

Trichromacy



Original Color

140.7330, -55.0844, 74.7792

Protanomaly

140.5070, -52.5080, 41.6514

Deuteranomaly

139.6350, -59.9661, 53.8171

Tritanomaly

145.1930, -29.1821, 73.4987

Monochromacy



Original Color

140.7330, -55.0844, 74.7792

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8990, -20.1632, 27.2756

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7330, -55.0844, 74.7792 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(226, 119, 29)` looks like.

```
.text, #text, p{  
    color:rgb(226, 119, 29)  
}
```

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(226, 119, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 119, 29) }
```

Border

The CSS property to change the border of an element to YUV 140.7330, -55.0844, 74.7792 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(226, 119, 29) }
```


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

```
.border{ border-color:rgb(226, 119, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 119, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 119, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 119, 29);  
box-shadow:4px 4px 4px 4px rgb(226, 119,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 140.7330, -55.0844, 74.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 119, 29) }
```

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

```
.background{ background-color: rgb(226,  
119, 29) }
```

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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