

Converting Colors

YUV(140.2750, -30.2086,
76.0578)

Have a look what the booklet for
YUV(140.2750, -30.2086, 76.0578)
contains.

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Color

**YUV(140.2750, -30.2086,
76.0578)**

Conversions

Conversions Part 1

Format	Color
Hex	E36C4F
RGB	227, 108, 79
RGB Percent	89%, 42%, 31%
CMY	0.1098, 0.5765, 0.6902
CMYK	0.00, 0.52, 0.65, 0.11
HSL	12°, 73%, 60%
HSV	12°, 65%, 89%
XYZ	38.4524, 27.6205, 10.7018
YIQ	140.2750, 80.2330, 16.2090

Conversions

Conversions Part 2

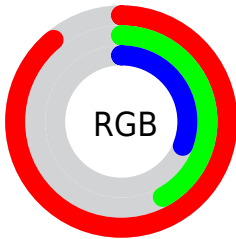
Format	Color
R_{YB}	227, 115, 79
Decimal	14904399
CIE _{Lab}	59.54, 44.18, 37.95
CIE _{LCh}	60, 58.239, 40.665
Yxy	27.6205, 0.5008, 0.3598
Android (android.graphics.Color)	4293094479 (0xFFE36C4F)
YUV	140.2750, -30.2086, 76.0578
Hunter-Lab	52.5552, 38.6291, 24.7155

Details

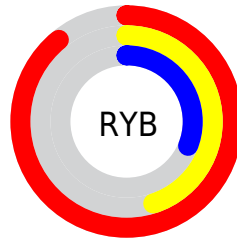
The YUV color **140.2750, -30.2086, 76.0578** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **165.7250, 30.2086, -76.0578**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0450, -28.1232, 60.4735**, and **86.2680, -26.2611, 69.9250** is the 20% darker color. If you saturate the color by 10%, you get **127.0870, -35.0459, 87.6237**, and if you desaturate by 10%, it is **153.4630, -25.3713, 64.4919**.

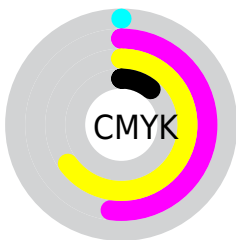
Distribution



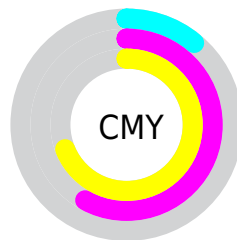
- Red (89%)
- Green (42%)
- Blue (31%)



- Red (89%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (11%)





- Cyan (11%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.2750, -30.2086, 76.0578 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 140.2750, -30.2086, 76.0578 by changing the saturation by 10% instead.


 140.2750,
-30.2086, 76.0578

 140.2750,
-30.2086, 76.0578


255.0000, 0.0000,
0.0000


 113.0080,
-28.5979, 72.7840


 186.0450,
-28.1232, 60.4735

 86.2680, -26.2611,
69.9250


 205.4450,
-24.8694, 43.4597


 58.2400, -23.7823,
68.1955


 224.9590,
-21.1788, 26.3460

 31.6940, -15.6251,
65.1664

 245.1740,
-17.3408, 8.6174

 23.0230, -11.3503,
47.3378

 253.0620, -7.4256,
1.6996

 15.7760, -6.7916,
31.7684

 0.0000, 0.0000,

0.0000

■ 140.2750,
-30.2086, 76.0578

■ 140.2750,
-30.2086, 76.0578

■ 127.0870,
-35.0459, 87.6237

■ 153.4630,
-25.3713, 64.4919

■ 113.4260,
-39.1570, 99.6044

■ 167.1240,
-21.2601, 52.5113

■ 100.2380,
-43.9943, 111.1703

■ 180.3120,
-16.4228, 40.9454

■ 93.7010, -46.1946,
116.9032

■ 193.5000,
-11.5855, 29.3795

■ 206.6880, -6.7482,
17.8136

■ 220.3490, -2.6371,
5.8329

■ 233.5370, 2.2003,
-5.7329

■ 246.0410, 4.4168,
-16.6990

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



140.8070, -6.8069, 83.4843



140.2750, -30.2086, 76.0578



139.3000, -48.4619, 50.6029

Triad

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



140.2750, -30.2086, 76.0578



109.7540, -0.8647, -96.2543



133.5840, 54.4351, -53.1322

Complementary

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



140.2750, -30.2086, 76.0578



165.7250, 30.2086, -76.0578

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.



120.1060, 59.1077, -105.3330



140.2750, -30.2086, 76.0578



116.9700, 21.7068, -102.5827

Square

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



140.2750, -30.2086, 76.0578



129.1760, -34.1038, -28.2184



121.2680, 43.2519, -106.3520



147.7520, 36.6043, 19.5115

Rectangle

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



140.2750, -30.2086, 76.0578



136.4900, -53.4856, 28.5113



121.2680, 43.2519, -106.3520



115.5070, 64.3330, -101.2996

Sweetspot

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



140.2750, -30.2086, 76.0578



225.1190, -10.4117, 26.2056



137.0460, 31.0363, 78.8897



109.7910, -6.3060, 15.9693



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.



140.2750, -30.2086, 76.0578



138.3940, -40.6202, 102.2635



182.5390, -51.0447, 38.9923



108.3490, -2.6371, 5.8329



74.0660, -36.5145, 92.0271



21.1190, -10.4117, 26.2056

Inverse Universe

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



165.7250, 30.2086, -76.0578



172.6060, 40.6202, -102.2635



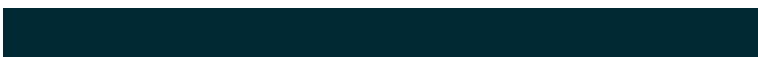
123.4610, 51.0447, -38.9923



110.2380, 2.3477, -6.3477



104.9340, 36.5145, -92.0271



29.8810, 10.4117, -26.2056

Previews

White Background



This preview shows how the YUV color 140.2750, -30.2086, 76.0578 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 140.2750, -30.2086, 76.0578 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 140.2750, -30.2086, 76.0578

Background



This preview shows how black text looks on a background with the YUV color 140.2750, -30.2086, 76.0578.



This preview shows how white text looks on a background with the YUV color 140.2750, -30.2086,

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

140.2750, -30.2086, 76.0578

Protanopia

141.9590, -24.6298, 13.1910

Deuteranopia

141.6640, -33.8514, 30.9897



Tritanopia

142.1730, -15.3683, 76.1473

Trichromacy



Original Color

140.2750, -30.2086, 76.0578

Protanomaly

141.2330, -26.7369, 35.7527

Deuteranomaly

140.8170, -32.4478, 47.5185

Tritanomaly

141.0930, -20.7518, 76.2174

Monochromacy



Original Color

140.2750, -30.2086, 76.0578

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0160, -10.8539, 28.0500

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2750, -30.2086, 76.0578 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, 108, 79)` looks like.

```
.text, #text, p{  
    color:rgb(227, 108, 79)  
}
```

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, 108, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 108, 79) }
```

Border

The CSS property to change the border of an element to YUV 140.2750, -30.2086, 76.0578 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, 108, 79) }
```


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

```
.border{ border-color:rgb(227, 108, 79) }
```

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

Here you see how a box with a 4 pixel rgb(227, 108, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 108, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 108, 79);  
box-shadow:4px 4px 4px 4px rgb(227, 108,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 140.2750, -30.2086, 76.0578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 108, 79) }
```

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

```
.background{ background-color: rgb(227,  
108, 79) }
```

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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