

Converting Colors

YUV(150.5590, -37.7436,
66.1618)

Have a look what the booklet for
YUV(150.5590, -37.7436, 66.1618)
contains.

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Color

**YUV(150.5590, -37.7436,
66.1618)**

Conversions

Conversions Part 1

Format	Color
Hex	E27F4A
RGB	226, 127, 74
RGB Percent	89%, 50%, 29%
CMY	0.1137, 0.5020, 0.7098
CMYK	0.00, 0.44, 0.67, 0.11
HSL	21°, 72%, 59%
HSV	21°, 67%, 89%
XYZ	40.1894, 31.8419, 10.5065
YIQ	150.5590, 76.0170, 4.5050

Conversions

Conversions Part 2

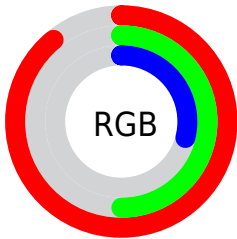
Format	Color
R _Y B	226, 155, 74
Decimal	14843722
CIE Lab	63.21, 33.85, 44.84
CIE LCh	63, 56.184, 52.947
Yxy	31.8419, 0.4869, 0.3858
Android (android.graphics.Color)	4293033802 (0xFFE27F4A)
YUV	150.5590, -37.7436, 66.1618
Hunter-Lab	56.4286, 28.3806, 28.4608

Details

The YUV color **150.5590, -37.7436, 66.1618** 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 **149.4410, 37.7436, -66.1618**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6280, -35.8056, 51.1922**, and **96.9110, -34.9591, 59.7141** is the 20% darker color. If you saturate the color by 10%, you get **139.1320, -43.4491, 76.1832**, and if you desaturate by 10%, it is **161.9860, -32.0381, 56.1403**.

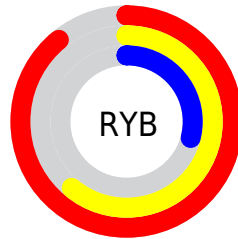
Distribution



Red (89%)

Green (50%)

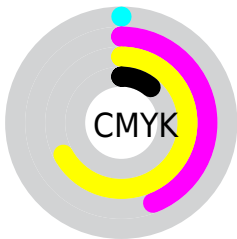
Blue (29%)



Red (89%)

Yellow (61%)

Blue (29%)

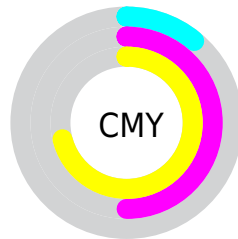


Cyan (0%)

Magenta (44%)

Yellow (67%)

Black (11%)



Cyan (11%)

Magenta (50%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5590, -37.7436, 66.1618 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 150.5590, -37.7436, 66.1618 by changing the saturation by 10% instead.

150.5590,
-37.7436, 66.1618

150.5590,
-37.7436, 66.1618

255.0000, 0.0000,
0.0000

123.2920,
-36.1330, 62.8879

196.6280,
-35.8056, 51.1922

96.9110, -34.9591,
59.7141

216.1420,
-32.1150, 34.0785

71.1880, -35.0957,
56.8401

235.6560,
-28.4244, 16.9647

47.8420, -23.5861,
51.8816

249.4140,
-21.4031, 4.8989

23.3220, -11.4977,
47.9526

252.6060, -9.1728,
2.0995

15.2490, -7.5178,
31.3536

3.5880, -1.7689,

7.3773

■ 0.0000, 0.0000,
0.0000

■ 150.5590,
-37.7436, 66.1618

■ 150.5590,
-37.7436, 66.1618

■ 139.1320,
-43.4491, 76.1832

■ 161.9860,
-32.0381, 56.1403

■ 128.4060,
-49.0072, 85.5899

■ 172.7120,
-26.4800, 46.7336

■ 116.9790,
-54.7126, 95.6114

■ 184.1390,
-20.7745, 36.7121

■ 113.9470,
-56.1759, 98.2705

■ 195.4520,
-15.5058, 26.7906

■ 206.8790, -9.8003,
16.7691

■ 217.7190, -3.8055,
7.2624

■ 229.0320, 1.4632,
-2.6591

■ 240.4590, 7.1687,
-12.6805

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



151.4510, -16.9843, 81.1655



150.5590, -37.7436, 66.1618



147.8700, -49.7289, 36.9480

Triad

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



150.5590, -37.7436, 66.1618



119.7450, 9.4927, -105.0164



153.1110, 45.3013, -16.7603

Complementary

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



150.5590, -37.7436, 66.1618



149.4410, 37.7436, -66.1618

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.



123.8220, 63.1918, -108.5919



150.5590, -37.7436, 66.1618



125.5590, 31.7694, -110.1152

Square

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



150.5590, -37.7436, 66.1618



135.1440, -22.2560, -48.3613



127.9990, 51.2725, -112.2551



157.8810, 27.6667, 39.5694

Rectangle

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



150.5590, -37.7436, 66.1618



145.3570, -48.4900, 12.8419



127.9990, 51.2725, -112.2551



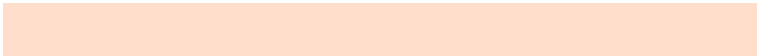
147.1510, 51.1976, -41.3514

Sweetspot

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



150.5590, -37.7436, 66.1618



229.8150, -12.7268, 22.0872



130.9620, 21.7107, 83.3483



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.



150.5590, -37.7436, 66.1618



152.1570, -51.3494, 90.1933



193.9970, -59.1585, 28.0666



106.6370, -2.7790, 4.7034



88.4310, -43.5965, 76.7980



24.3310, -11.9952, 20.7577

Inverse Universe

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



149.4410, 37.7436, -66.1618



150.8430, 51.3494, -90.1933



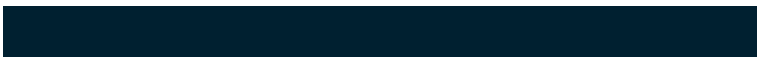
106.0030, 59.1585, -28.0666



106.3630, 2.7790, -4.7034



87.5690, 43.5965, -76.7980



24.2560, 11.7058, -21.2725

Previews

White Background



This preview shows how the YUV color 150.5590, -37.7436, 66.1618 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 150.5590, -37.7436, 66.1618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

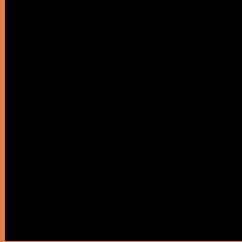
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.5590, -37.7436, 66.1618

Background



This preview shows how black text looks on a background with the YUV color 150.5590, -37.7436, 66.1618.



This preview shows how white text looks on a background with the YUV color 150.5590, -37.7436,

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

150.5590, -37.7436, 66.1618

Protanopia

150.3910, -33.2238, 16.3201

Deuteranopia

150.4920, -39.6826, 34.6485



Tritanopia

153.6170, -12.1362, 66.1109

Trichromacy



Original Color

150.5590, -37.7436, 66.1618

Protanomaly

150.4580, -34.7358, 34.6783

Deuteranomaly

150.3840, -39.1363, 46.1442

Tritanomaly

152.7990, -21.5929, 65.9513

Monochromacy



Original Color

150.5590, -37.7436, 66.1618

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.5980, -13.6058, 24.0316

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5590, -37.7436, 66.1618 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, 127, 74)` looks like.

```
.text, #text, p{  
    color:rgb(226, 127, 74)  
}
```

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, 127, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 127, 74) }
```

Border

The CSS property to change the border of an element to YUV 150.5590, -37.7436, 66.1618 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, 127, 74) }
```


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

```
.border{ border-color:rgb(226, 127, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 127, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 127, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 127, 74);  
box-shadow:4px 4px 4px 4px rgb(226, 127,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 150.5590, -37.7436, 66.1618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 127, 74) }
```

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

```
.background{ background-color: rgb(226,  
127, 74) }
```

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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