

Converting Colors

YUV(145.3610, -47.5060,
70.7204)

Have a look what the booklet for
YUV(145.3610, -47.5060, 70.7204)
contains.

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Color

**YUV(145.3610, -47.5060,
70.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	E27B31
RGB	226, 123, 49
RGB Percent	89%, 48%, 19%
CMY	0.1137, 0.5176, 0.8078
CMYK	0.00, 0.46, 0.78, 0.11
HSL	25°, 75%, 54%
HSV	25°, 78%, 89%
XYZ	39.0014, 30.5564, 6.7481
YIQ	145.3610, 85.1420, -1.1780

Conversions

Conversions Part 2

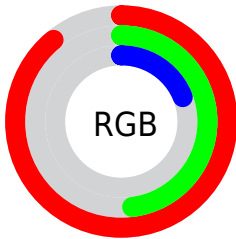
Format	Color
R _Y B	226, 176, 49
Decimal	14842673
CIE Lab	62.13, 34.78, 55.56
CIE LCh	62, 65.548, 57.957
Yxy	30.5564, 0.5111, 0.4004
Android (android.graphics.Color)	4293032753 (0xFFE27B31)
YUV	145.3610, -47.5060, 70.7204
Hunter-Lab	55.2779, 29.2046, 31.4566

Details

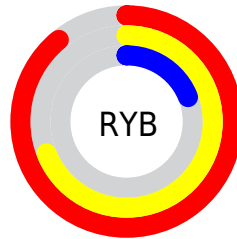
The YUV color **145.3610, -47.5060, 70.7204** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **129.6390, 47.5060, -70.7204**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.5440, -45.1312, 55.6509**, and **91.3000, -45.0109, 63.7579** is the 20% darker color. If you saturate the color by 10%, you get **135.1080, -53.7902, 79.7123**, and if you desaturate by 10%, it is **155.6140, -41.2217, 61.7285**.

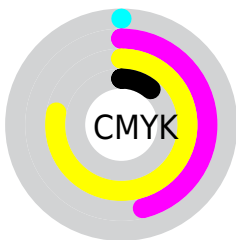
Distribution



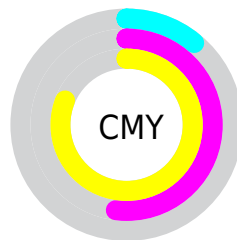
- Red (89%)
- Green (48%)
- Blue (19%)



- Red (89%)
- Yellow (69%)
- Blue (19%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (11%)



- Cyan (11%)
- Magenta (52%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.3610, -47.5060, 70.7204 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 145.3610, -47.5060, 70.7204 by changing the saturation by 10% instead.

■ 145.3610,
-47.5060, 70.7204

■ 145.3610,
-47.5060, 70.7204

■ 255.0000, 0.0000,
0.0000

■ 117.7520,
-47.2057, 67.7465

■ 191.5440,
-45.1312, 55.6509

■ 91.3000, -45.0109,
63.7579

■ 210.4710,
-41.1512, 39.0519

■ 68.5410, -33.7907,
58.2845

■ 230.4580,
-38.1868, 21.5233

■ 44.8960, -22.1337,
52.7112

■ 246.5640,
-32.3231, 7.3984

■ 22.7240, -11.2029,
46.7231

■ 249.7560,
-20.0927, 4.5990

■ 14.9500, -7.3703,
30.7388

■ 253.0620, -7.4256,

■ 0.5980, -0.2948,

1.6996

1.2296

■ 0.0000, 0.0000,
0.0000

■ 145.3610,
-47.5060, 70.7204

■ 145.3610,
-47.5060, 70.7204

■ 135.1080,
-53.7902, 79.7123

■ 155.6140,
-41.2217, 61.7285

■ 124.9690,
-59.6377, 88.6042

■ 165.7530,
-35.3742, 52.8366

■ 122.7520,
-60.5167, 90.5485

■ 176.0060,
-29.0900, 43.8447

■ 186.7320,
-23.5319, 34.4380

■ 196.9850,
-17.2476, 25.4462

■ 207.2380,
-10.9633, 16.4543

■ 217.3770, -5.1159,
7.5624

■ 227.6300, 1.1684,
-1.4295

■ 237.7690, 7.0159,
-10.3214

Harmonies

Analogous

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



145.0350, -22.6953, 92.9313



145.3610, -47.5060, 70.7204



140.8040, -66.4584, 36.1289

Triad

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



145.3610, -47.5060, 70.7204



120.3150, 11.6767, -105.5163



151.1320, 50.2209, -8.0088

Complementary

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



145.3610, -47.5060, 70.7204



129.6390, 47.5060, -70.7204

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.



121.8160, 65.6597, -106.8326



145.3610, -47.5060, 70.7204



127.0410, 37.4478, -111.4150

Square

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



145.3610, -47.5060, 70.7204



118.4280, -16.4800, -81.0594



128.6490, 58.8400, -112.8252



153.4360, 29.3651, 54.8686

Rectangle

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



145.3610, -47.5060, 70.7204



138.3380, -59.8196, 6.7196



128.6490, 58.8400, -112.8252



144.6830, 54.3863, -37.4330

Sweetspot

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



145.3610, -47.5060, 70.7204



228.3160, -15.9318, 23.4019



113.6650, 18.8992, 98.5178



111.5690, -9.6475, 14.4100



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.



145.3610, -47.5060, 70.7204



146.0470, -64.6062, 95.5518



197.0170, -72.9724, 25.4181



107.2240, -3.0684, 4.1886



96.0620, -47.3586, 70.1056



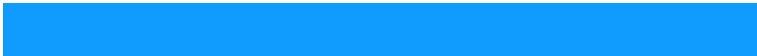
26.0920, -12.8634, 19.2133

Inverse Universe

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



129.6390, 47.5060, -70.7204



124.5400, 64.3168, -96.0666



77.9830, 72.9724, -25.4181



106.3630, 2.7790, -4.7034



79.9380, 47.3586, -70.1056



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 145.3610, -47.5060, 70.7204 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 145.3610, -47.5060, 70.7204 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 145.3610, -47.5060, 70.7204

Background



This preview shows how black text looks on a background with the YUV color 145.3610, -47.5060, 70.7204.



This preview shows how white text looks on a background with the YUV color 145.3610, -47.5060, 70.7204.

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

145.3610, -47.5060, 70.7204

Protanopia

145.3670, -43.5649, 19.8491

Deuteranopia

145.2400, -50.8973, 38.3775



Tritanopia

150.4110, -13.0206, 69.7996

Trichromacy



Original Color

145.3610, -47.5060, 70.7204

Protanomaly

145.4340, -45.0770, 38.2074

Deuteranomaly

145.3600, -49.4775, 49.6733

Tritanomaly

148.7950, -25.5349, 70.3398

Monochromacy



Original Color

145.3610, -47.5060, 70.7204

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9850, -17.2476, 25.4462

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.3610, -47.5060, 70.7204 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, 123, 49)` looks like.

```
.text, #text, p{  
    color:rgb(226, 123, 49)  
}
```

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, 123, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 123, 49) }
```

Border

The CSS property to change the border of an element to YUV 145.3610, -47.5060, 70.7204 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, 123, 49) }
```


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

```
.border{ border-color:rgb(226, 123, 49) }
```

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

Here you see how a box with a 4 pixel rgb(226, 123, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 123, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 123, 49);  
box-shadow:4px 4px 4px 4px rgb(226, 123,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 145.3610, -47.5060, 70.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 123, 49) }
```

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

```
.background{ background-color: rgb(226,  
123, 49) }
```

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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