

Converting Colors

YUV(150.3850, -16.9518,
70.6994)

Have a look what the booklet for
YUV(150.3850, -16.9518, 70.6994)
contains.

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Color

**YUV(150.3850, -16.9518,
70.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	E77474
RGB	231, 116, 116
RGB Percent	91%, 45%, 45%
CMY	0.0941, 0.5451, 0.5451
CMYK	0.00, 0.50, 0.50, 0.09
HSL	0°, 71%, 68%
HSV	0°, 50%, 91%
XYZ	42.3528, 30.7407, 20.2243
YIQ	150.3850, 68.5400, 24.3800

Conversions

Conversions Part 2

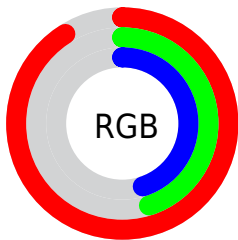
Format	Color
R _Y B	231, 116, 116
Decimal	15168628
CIE Lab	62.29, 44.45, 20.87
CIE LCh	62, 49.107, 25.146
Yxy	30.7407, 0.4539, 0.3294
Android (android.graphics.Color)	4293358708 (0xFFE77474)
YUV	150.3850, -16.9518, 70.6994
Hunter-Lab	55.4443, 39.3252, 17.1839

Details

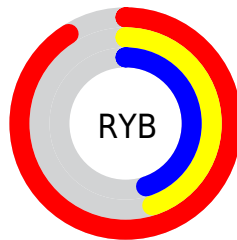
The YUV color **150.3850, -16.9518, 70.6994** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **196.6150, 16.9518, -70.6994**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1870, -13.4032, 52.4560**, and **95.8620, -13.7360, 65.8960** is the 20% darker color. If you saturate the color by 10%, you get **134.2620, -20.3422, 84.8392**, and if you desaturate by 10%, it is **166.5080, -13.5614, 56.5595**.

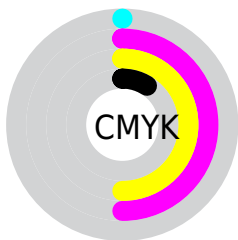
Distribution



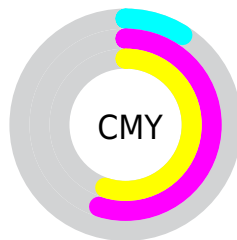
- Red (91%)
- Green (45%)
- Blue (45%)



- Red (91%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3850, -16.9518, 70.6994 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 150.3850, -16.9518, 70.6994 by changing the saturation by 10% instead.

■ 150.3850,
-16.9518, 70.6994

■ 150.3850,
-16.9518, 70.6994

255.0000, 0.0000,
0.0000

■ 123.3030,
-15.9254, 68.1403

■ 195.1870,
-13.4032, 52.4560

■ 95.8620, -13.7360,
65.8960

■ 214.7010, -9.7126,
35.3422

■ 68.8340, -11.2572,
64.1666

■ 234.9160, -5.8746,
17.6137

■ 37.2240, -6.0264,
66.4556

254.6580, -1.3104,
0.2999

■ 25.4150, -12.5296,
52.2560

■ 17.4560, -8.1128,
35.5571

■ 7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,
0.0000

■ 150.3850,
-16.9518, 70.6994

■ 150.3850,
-16.9518, 70.6994

■ 134.2620,
-20.3422, 84.8392

■ 166.5080,
-13.5614, 56.5595

■ 118.1390,
-23.7325, 98.9791

■ 182.6310,
-10.1711, 42.4196

■ 102.0160,
-27.1229, 113.1190

■ 198.7540, -6.7807,
28.2797

■ 85.8930, -30.5132,
127.2588

■ 214.8770, -3.3904,
14.1399

■ 69.0690, -34.0510,
142.0135

■ 231.0000, 0.0000,
0.0000

247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



153.0310, 3.4357, 64.8708



150.3850, -16.9518, 70.6994



149.4160, -34.2221, 56.6402

Triad

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



150.3850, -16.9518, 70.6994



135.3170, -17.9043, -44.1280



129.9410, 52.7801, -82.3863

Complementary

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



150.3850, -16.9518, 70.6994



196.6150, 16.9518, -70.6994

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.



123.2230, 48.2041, -108.0666



150.3850, -16.9518, 70.6994



117.1520, 12.2501, -102.7423

Square

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



150.3850, -16.9518, 70.6994



142.6460, -36.8005, -3.1975



122.1680, 31.4692, -107.1413



152.0320, 38.4382, -8.7981

Rectangle

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



150.3850, -16.9518, 70.6994



148.0690, -41.4460, 40.2815



122.1680, 31.4692, -107.1413



121.1830, 55.6188, -106.2775

Sweetspot

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



150.3850, -16.9518, 70.6994



228.3620, -5.6015, 23.3615



163.4950, 33.2800, 59.2019



111.8770, -3.3904, 14.1399



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.



150.3850, -16.9518, 70.6994



147.7470, -22.5533, 94.0609



183.8440, -33.4471, 41.3558



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

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



196.6150, 16.9518, -70.6994



209.2530, 22.5533, -94.0609



162.5690, 33.7365, -40.8410



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 150.3850, -16.9518, 70.6994 looks on a white background.

Color Contrast Check

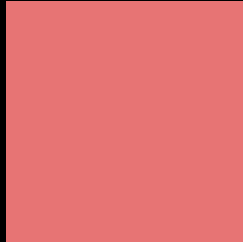
Large Text (above 18pt) WCAG AA × Fail

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 150.3850, -16.9518, 70.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

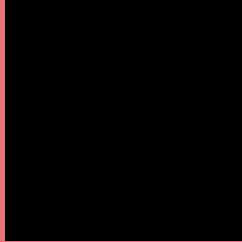
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.3850, -16.9518, 70.6994

Background



This preview shows how black text looks on a background with the YUV color 150.3850, -16.9518, 70.6994.



This preview shows how white text looks on a background with the YUV color 150.3850, -16.9518,

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

150.3850, -16.9518, 70.6994

Protanopia

150.9270, -9.3310, 6.2030

Deuteranopia

151.2900, -19.8630, 24.3017



Tritanopia

150.5960, -13.6048, 70.5143

Trichromacy



Original Color

150.3850, -16.9518, 70.6994

Protanomaly

150.6850, -12.1697, 30.0943

Deuteranomaly

150.7420, -18.6068, 41.4453

Tritanomaly

150.2540, -14.9152, 70.8142

Monochromacy



Original Color

150.3850, -16.9518, 70.6994

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2590, -6.0437, 25.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3850, -16.9518, 70.6994 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(231, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(231, 116, 116)  
}
```

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(231, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 116, 116) }
```

Border

The CSS property to change the border of an element to YUV 150.3850, -16.9518, 70.6994 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(231, 116, 116) }
```


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

```
.border{ border-color:rgb(231, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 116, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 116, 116); box-shadow:4px 4px 4px 4px rgb(231, 116, 116) }
```

Background

The CSS property to change the background color of an element to YUV 150.3850, -16.9518, 70.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 116, 116) }
```

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

```
.background{ background-color: rgb(231,  
116, 116) }
```

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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