

Converting Colors

YUV(153.1670, -16.3513,
64.7515)

Have a look what the booklet for
YUV(153.1670, -16.3513, 64.7515)
contains.

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Color

**YUV(153.1670, -16.3513,
64.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	E37A78
RGB	227, 122, 120
RGB Percent	89%, 48%, 47%
CMY	0.1098, 0.5216, 0.5294
CMYK	0.00, 0.46, 0.47, 0.11
HSL	1°, 66%, 68%
HSV	1°, 47%, 89%
XYZ	42.0283, 31.6060, 21.6547
YIQ	153.1670, 63.2220, 21.6380

Conversions

Conversions Part 2

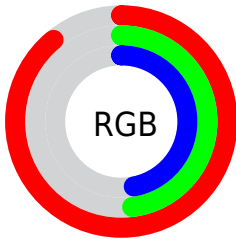
Format	Color
R _Y B	227, 122, 120
Decimal	14908024
CIE Lab	63.02, 40.34, 19.49
CIE LCh	63, 44.800, 25.791
Yxy	31.6060, 0.4411, 0.3317
Android (android.graphics.Color)	4293098104 (0xFFE37A78)
YUV	153.1670, -16.3513, 64.7515
Hunter-Lab	56.2192, 35.0590, 16.5159

Details

The YUV color **153.1670, -16.3513, 64.7515** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **193.8330, 16.3513, -64.7515**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1650, -13.3923, 48.9673**, and **99.5300, -13.5723, 60.0482** is the 20% darker color. If you saturate the color by 10%, you get **137.6310, -20.0311, 78.3766**, and if you desaturate by 10%, it is **168.7030, -12.6716, 51.1265**.

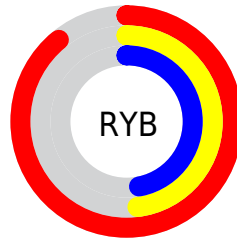
Distribution



Red (89%)

Green (48%)

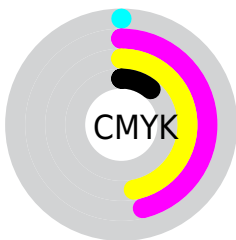
Blue (47%)



Red (89%)

Yellow (48%)

Blue (47%)

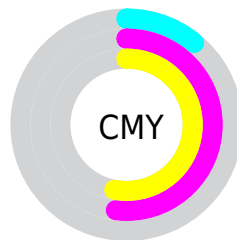


Cyan (0%)

Magenta (46%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1670, -16.3513, 64.7515 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 153.1670, -16.3513, 64.7515 by changing the saturation by 10% instead.

■ 153.1670,
-16.3513, 64.7515

■ 153.1670,
-16.3513, 64.7515

■ 255.0000, 0.0000,
0.0000

■ 126.0850,
-15.3249, 62.1925

■ 199.1650,
-13.3923, 48.9673

■ 99.5300, -13.5723,
60.0482

■ 218.7930, -9.2649,
31.7535

■ 73.5620, -12.1091,
57.3891

■ 239.0080, -5.4269,
14.0250

■ 45.7730, -8.7621,
57.2041

■ 25.1590, -10.9244,
50.7266

■ 16.7440, -8.2548,
34.4275

■ 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 153.1670,
-16.3513, 64.7515

■ 153.1670,
-16.3513, 64.7515

■ 137.6310,
-20.0311, 78.3766

■ 168.7030,
-12.6716, 51.1265

■ 121.6220,
-22.9846, 92.4165

■ 184.7120, -9.7180,
37.0866

■ 106.0860,
-26.6644, 106.0416

■ 200.2480, -6.0383,
23.4615

■ 90.5500, -30.3441,
119.6667

■ 215.7840, -2.3585,
9.8364

■ 75.0140, -34.0239,
133.2917

■ 231.2060, 0.8844,
-3.6887

■ 70.2210, -34.6190,
137.4952

■ 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.



155.3570, 2.2890, 59.3229



153.1670, -16.3513, 64.7515



151.7790, -31.4430, 51.9368

Triad

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



153.1670, -16.3513, 64.7515



139.0940, -16.3153, -40.4244



139.5260, 45.5897, -62.7283

Complementary

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



153.1670, -16.3513, 64.7515



193.8330, 16.3513, -64.7515

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.



123.3540, 46.1675, -108.1815



153.1670, -16.3513, 64.7515



118.0810, 13.2711, -103.5570

Square

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



153.1670, -16.3513, 64.7515



145.2700, -33.1641, -2.8678



122.1680, 31.4692, -107.1413



154.0170, 34.5016, -6.1539

Rectangle

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



153.1670, -16.3513, 64.7515



150.6710, -37.7988, 37.1225



122.1680, 31.4692, -107.1413



123.8910, 51.8187, -100.7594

Sweetspot

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



153.1670, -16.3513, 64.7515



230.3510, -5.5960, 21.6172



163.9630, 30.0912, 55.2834



112.5780, -3.2430, 13.5251



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.



153.1670, -16.3513, 64.7515



154.5290, -21.9528, 88.1131



184.2780, -31.6891, 37.4672



106.5880, -1.7689, 7.3773



55.2820, -27.2540, 108.5007



15.8360, -7.8071, 30.8388

Inverse Universe

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



193.8330, 16.3513, -64.7515



209.8840, 22.2422, -87.5983



162.7220, 31.6891, -37.4672



111.4120, 1.7689, -7.3773



123.1310, 27.5434, -107.9859



35.1640, 7.8071, -30.8388

Previews

White Background



This preview shows how the YUV color 153.1670, -16.3513, 64.7515 looks on a white background.

Color Contrast Check

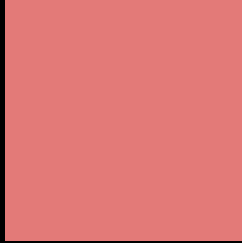
Large Text (above 18pt) WCAG AA × Fail

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 153.1670, -16.3513, 64.7515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

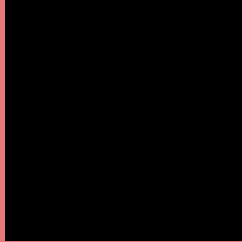
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.1670, -16.3513, 64.7515

Background



This preview shows how black text looks on a background with the YUV color 153.1670, -16.3513, 64.7515.



This preview shows how white text looks on a background with the YUV color 153.1670, -16.3513, 64.7515.

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

153.1670, -16.3513, 64.7515

Protanopia

152.4540, -8.6048, 6.6178

Deuteranopia

153.3330, -18.4052, 23.3870



Tritanopia

153.9050, -12.2782, 64.9813

Trichromacy



Original Color

153.1670, -16.3513, 64.7515

Protanomaly

152.6030, -11.1433, 27.5352

Deuteranomaly

153.2470, -17.8698, 38.3714

Tritanomaly

153.5630, -13.5886, 65.2812

Monochromacy



Original Color

153.1670, -16.3513, 64.7515

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2480, -6.0383, 23.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1670, -16.3513, 64.7515 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, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(227, 122, 120)  
}
```

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, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 122, 120) }
```

Border

The CSS property to change the border of an element to YUV 153.1670, -16.3513, 64.7515 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, 122, 120) }
```


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

```
.border{ border-color:rgb(227, 122, 120) }
```

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

Here you see how a box with a 4 pixel rgb(227, 122, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(227, 122,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 153.1670, -16.3513, 64.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 122, 120) }
```

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

```
.background{ background-color: rgb(227,  
122, 120) }
```

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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