

Converting Colors

YUV(151.8970, -3.4002,
64.1113)

Have a look what the booklet for
YUV(151.8970, -3.4002, 64.1113)
contains.

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Color

**YUV(151.8970, -3.4002,
64.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	E17491
RGB	225, 116, 145
RGB Percent	88%, 45%, 57%
CMY	0.1176, 0.5451, 0.4314
CMYK	0.00, 0.48, 0.36, 0.12
HSL	344°, 64%, 67%
HSV	344°, 48%, 88%
XYZ	42.4076, 30.5427, 30.4483
YIQ	151.8970, 55.6550, 32.1270

Conversions

Conversions Part 2

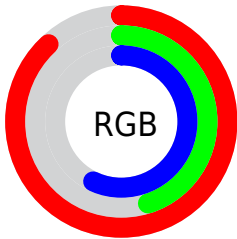
Format	Color
RYB	225, 116, 145
Decimal	14775441
CIELab	62.12, 45.34, 3.90
CIELCh	62, 45.511, 4.919
Yxy	30.5427, 0.4101, 0.2954
Android (android.graphics.Color)	4292965521 (0xFFE17491)
YUV	151.8970, -3.4002, 64.1113
Hunter-Lab	55.2654, 40.2563, 6.0202

Details

The YUV color **151.8970, -3.4002, 64.1113** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **189.1030, 3.4002, -64.1113**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7210, 0.1375, 49.3567**, and **97.7440, -1.3528, 60.7375** is the 20% darker color. If you saturate the color by 10%, you get **137.0450, -4.4592, 77.1365**, and if you desaturate by 10%, it is **167.3360, -2.6306, 50.5713**.

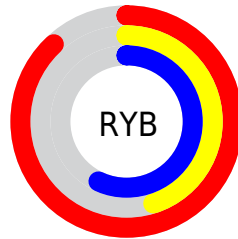
Distribution



Red (88%)

Green (45%)

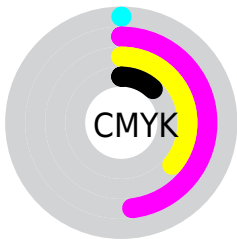
Blue (57%)



Red (88%)

Yellow (45%)

Blue (57%)

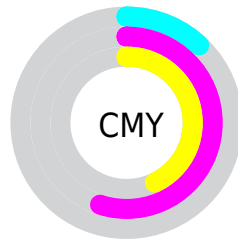


Cyan (0%)

Magenta (48%)

Yellow (36%)

Black (12%)



Cyan (12%)

Magenta (55%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.8970, -3.4002, 64.1113 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 151.8970, -3.4002, 64.1113 by changing the saturation by 10% instead.


 151.8970, -3.4002,
64.1113


 151.8970, -3.4002,
64.1113


255.0000, 0.0000,
0.0000

 125.0000, -2.9580,
62.2670


 198.7210, 0.1375,
49.3567


 97.7440, -1.3528,
60.7375


 218.9360, 3.9756,
31.6281

 70.4880, 0.2524,
59.2080

 238.5640, 8.1029,
14.4144

 38.4760, 5.1883,
62.7265

 28.0090, -0.0044,
48.2271

 17.4560, -8.1128,
35.5571

 7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,
0.0000

■ 151.8970, -3.4002,
64.1113

■ 151.8970, -3.4002,
64.1113

■ 137.0450, -4.4592,
77.1365

■ 167.3360, -2.6306,
50.5713

■ 121.7200, -4.7920,
90.5766

■ 182.0740, -2.0085,
37.6461

■ 106.8680, -5.8509,
103.6018

■ 197.5130, -1.2389,
24.1061

■ 91.5430, -6.1837,
117.0418

■ 212.2510, -0.6167,
11.1809

■ 76.1040, -6.9533,
130.5818

■ 227.1030, 0.4422,
-1.8443

■ 74.1150, -6.9587,
132.3261

■ 242.4280, 0.7750,
-15.2844

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



153.9990, 15.2835, 44.7279



151.8970, -3.4002, 64.1113



150.0760, -21.7295, 63.0773

Triad

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



151.8970, -3.4002, 64.1113



141.1160, -29.6372, -14.1337



121.1030, 50.2352, -106.2073

Complementary

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



151.8970, -3.4002, 64.1113



189.1030, 3.4002, -64.1113

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.



121.4330, 36.2685, -106.4967



151.8970, -3.4002, 64.1113



132.5420, -9.1412, -54.8493

Square

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



151.8970, -3.4002, 64.1113



145.9200, -38.9076, 19.3642



118.1610, 18.6546, -103.6272



143.2510, 42.7673, -44.0701

Rectangle

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



151.8970, -3.4002, 64.1113



149.3770, -31.7379, 53.1664



118.1610, 18.6546, -103.6272



121.9520, 45.8727, -106.9519

Sweetspot

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



151.8970, -3.4002, 64.1113



229.5020, -1.2335, 22.3617



152.3460, 35.8184, 38.2846



112.5610, -0.7696, 13.5400



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.



151.8970, -3.4002, 64.1113



155.6980, -4.7811, 87.0879



163.2660, -23.3021, 54.1407



104.6310, -0.3111, 6.4626



57.9820, -5.4141, 103.5018



15.8340, -1.3972, 28.2096

Inverse Universe

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



151.8970, -3.4002, 64.1113



155.6980, -4.7811, 87.0879



177.7340, 23.3021, -54.1407



104.6310, -0.3111, 6.4626



57.9820, -5.4141, 103.5018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 151.8970, -3.4002, 64.1113 looks on a white background.

Color Contrast Check

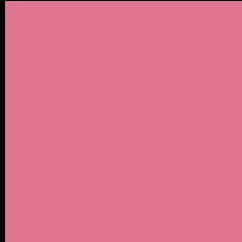
Large Text (above 18pt) WCAG AA × Fail

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 151.8970, -3.4002, 64.1113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

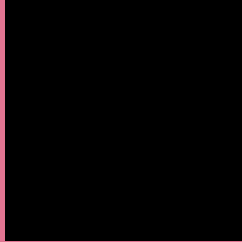
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.8970, -3.4002, 64.1113

Background



This preview shows how black text looks on a background with the YUV color 151.8970, -3.4002, 64.1113.



This preview shows how white text looks on a background with the YUV color 151.8970, -3.4002,

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

151.8970, -3.4002, 64.1113

Protanopia

151.4110, 6.6994, -2.1144

Deuteranopia

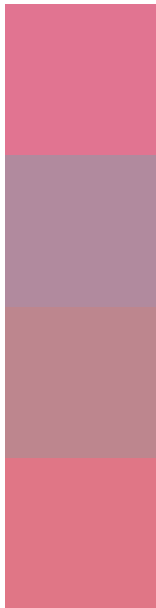
151.6060, -5.7218, 15.2545



Tritanopia

151.4210, -11.5466, 63.6518

Trichromacy



Original Color

151.8970, -3.4002, 64.1113

Protanomaly

151.9410, 2.9871, 21.9767

Deuteranomaly

151.3570, -4.6130, 33.0129

Tritanomaly

151.5180, -8.6364, 63.5667

Monochromacy



Original Color

151.8970, -3.4002, 64.1113

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1000, -1.5283, 23.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8970, -3.4002, 64.1113 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(225, 116, 145)` looks like.

```
.text, #text, p{  
    color:rgb(225, 116, 145)  
}
```

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(225, 116, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 116, 145) }
```

Border

The CSS property to change the border of an element to YUV 151.8970, -3.4002, 64.1113 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(225, 116, 145) }
```


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

```
.border{ border-color:rgb(225, 116, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 116, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 116, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 116, 145);  
box-shadow:4px 4px 4px 4px rgb(225, 116,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 151.8970, -3.4002, 64.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 116, 145) }
```

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

```
.background{ background-color: rgb(225,  
116, 145) }
```

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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