

Converting Colors

YUV(84.9320, 3.9775, 124.5936)

Have a look what the booklet for
YUV(84.9320, 3.9775, 124.5936)
contains.

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Color

**YUV(84.9320, 3.9775,
124.5936)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | E30B5D |
| RGB | 227, 11, 93 |
| RGB Percent | 89%, 4%, 36% |
| CMY | 0.1098, 0.9569, 0.6353 |
| CMYK | 0.00, 0.95, 0.59, 0.11 |
| HSL | 337°, 91%, 47% |
| HSV | 337°, 95%, 89% |
| XYZ | 33.7740, 17.3606, 11.9268 |
| YIQ | 84.9320, 102.4140, 71.2940 |

Conversions

Conversions Part 2

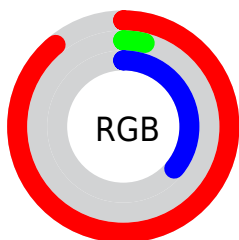
| Format | Color |
|-------------------------------------|--|
| RYB | 227, 11, 93 |
| Decimal | 14879581 |
| CIELab | 48.71, 75.22, 15.88 |
| CIELCh | 49, 76.878, 11.919 |
| Yxy | 17.3606, 0.5356, 0.2753 |
| Android (android.graphics.Color) | 4293069661 (0xFFE30B5D) |
| YUV | 84.9320, 3.9775, 124.5936 |
| Hunter-Lab | 41.6660, 71.7747, 12.1946 |

Details

The YUV color **84.9320, 3.9775, 124.5936** is a dark color, and the websafe version is hex **FF0066**, and the color name is **raspberry**. The color can be described as dark washed red. A complement of this color would be **153.0680, -3.9775, -124.5936**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3120, -2.6188, 93.5654**, and **54.5080, -3.2084, 96.0245** is the 20% darker color. If you saturate the color by 10%, you get **77.6770, 4.1032, 130.9563**, and if you desaturate by 10%, it is **100.0290, 3.4367, 111.3536**.

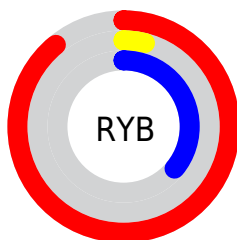
Distribution



Red (89%)

Green (4%)

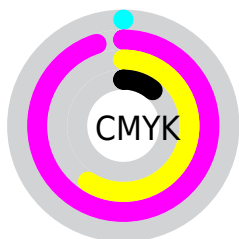
Blue (36%)



Red (89%)

Yellow (4%)

Blue (36%)

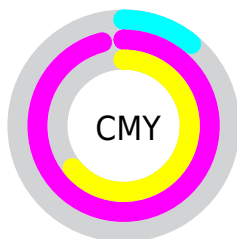


Cyan (0%)

Magenta (95%)

Yellow (59%)

Black (11%)



Cyan (11%)


Magenta (96%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9320, 3.9775, 124.5936 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 84.9320, 3.9775, 124.5936 by changing the saturation by 10% instead.

 84.9320, 3.9775,
124.5936

 84.9320, 3.9775,
124.5936


255.0000, 0.0000,
0.0000

 66.2850, 1.8315,
112.8831


 148.3120, -2.6188,
93.5654

 54.5080, -3.2084,
96.0245


 168.8860, 0.0562,
75.5220


 42.9590, -7.3748,
78.9660


 189.5740, 3.1680,
57.3786

 30.7260, -14.1619,
62.5073

 210.3760, 6.7166,
39.1352

 21.9840, -8.8661,
43.8640

 231.2920, 10.7020,
20.7919

 12.0740, -5.4595,
24.4911

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000


 84.9320, 3.9775,
124.5936


 84.9320, 3.9775,
124.5936

 77.6770, 4.1032,
130.9563

 100.0290, 3.4367,
111.3536


 114.5390, 3.1853,
98.6283


 129.6360, 2.6445,
85.3882


 144.7330, 2.1036,
72.1482

 159.2430, 1.8522,
59.4229

 174.3400, 1.3114,
46.1828

 189.5510, 1.2074,
32.8428

 204.6480, 0.6665,
19.6027

 219.1580, 0.4151,
6.8774

Harmonies

Analogous

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



102.2220, 27.4986, 93.6443



84.9320, 3.9775, 124.5936



102.2020, -36.0886, 95.4158

Triad

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



84.9320, 3.9775, 124.5936



87.3290, -43.0532, -51.1545



106.1320, 66.4899, -93.0778

Complementary

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



84.9320, 3.9775, 124.5936



153.0680, -3.9775, -124.5936

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.



106.3820, 47.1397, -93.2970



84.9320, 3.9775, 124.5936



90.9750, -9.3547, -79.7851

Square

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



84.9320, 3.9775, 124.5936



106.0100, -52.2629, 9.6382



100.0150, 20.2056, -87.7132



96.0220, 73.4462, -84.2113

Rectangle

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



84.9320, 3.9775, 124.5936



106.9820, -52.7421, 70.1758



100.0150, 20.2056, -87.7132



107.3400, 60.9644, -94.1372

Sweetspot

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



84.9320, 3.9775, 124.5936



206.3180, 1.3222, 42.6941



75.3910, 74.7432, 60.1701



98.3930, 0.7923, 25.9653



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.



84.9320, 3.9775, 124.5936



87.3030, 4.7806, 147.0703



90.2590, -39.0747, 119.9219



107.1580, 0.4151, 6.8774



61.2730, 3.3164, 103.2466



17.4150, 0.7814, 29.4540

Inverse Universe

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



84.9320, 3.9775, 124.5936



87.3030, 4.7806, 147.0703



147.7410, 39.0747, -119.9219



107.1580, 0.4151, 6.8774



61.2730, 3.3164, 103.2466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 84.9320, 3.9775, 124.5936 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 84.9320, 3.9775, 124.5936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9320, 3.9775, 124.5936

Background



This preview shows how black text looks on a background with the YUV color 84.9320, 3.9775, 124.5936.

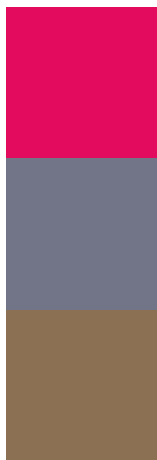


This preview shows how white text looks on a background with the YUV color 84.9320, 3.9775,

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

84.9320, 3.9775, 124.5936

Protanopia

117.5680, 8.5940, -3.1291

Deuteranopia

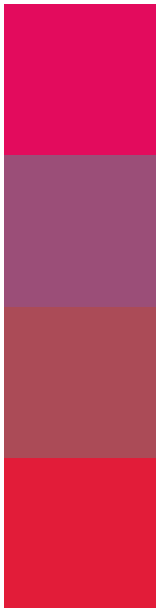
116.7670, -16.6471, 19.4983



Tritanopia

93.7990, -28.0019, 115.0633

Trichromacy



Original Color
84.9320, 3.9775, 124.5936

Protanomaly
105.8110, 6.9952, 43.1388

Deuteranomaly
105.0720, -8.9095, 57.8189

Tritanomaly
90.5080, -16.5194, 118.8265

Monochromacy



Original Color
84.9320, 3.9775, 124.5936

Achromatopsia
85.0000, 0.0000, 0.0000

Achromatomaly
85.0410, 1.4588, 45.5680

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9320, 3.9775, 124.5936 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, 11, 93)` looks like.

```
.text, #text, p{  
    color:rgb(227, 11, 93)  
}
```

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, 11, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 11, 93) }
```

Border

The CSS property to change the border of an element to YUV 84.9320, 3.9775, 124.5936 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, 11, 93) }
```

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

```
.border{ border-color:rgb(227, 11, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 11, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 11, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 11, 93);  
box-shadow:4px 4px 4px 4px rgb(227, 11,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 84.9320, 3.9775, 124.5936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 11, 93) }
```

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

```
.background{ background-color: rgb(227, 11,  
93) }
```

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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