

Converting Colors

YUV(95.0590, -5.4521,
115.7123)

Have a look what the booklet for
YUV(95.0590, -5.4521, 115.7123)
contains.

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Color

**YUV(95.0590, -5.4521,
115.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	E31E54
RGB	227, 30, 84
RGB Percent	89%, 12%, 33%
CMY	0.1098, 0.8824, 0.6706
CMYK	0.00, 0.87, 0.63, 0.11
HSL	344°, 78%, 50%
HSV	344°, 87%, 89%
XYZ	33.7431, 17.8995, 10.0640
YIQ	95.0590, 100.0780, 58.5580

Conversions

Conversions Part 2

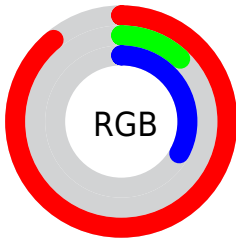
Format	Color
R_{YB}	227, 30, 84
Decimal	14884436
CIE Lab	49.37, 72.26, 22.29
CIE LCh	49, 75.614, 17.142
Yxy	17.8995, 0.5468, 0.2901
Android (android.graphics.Color)	4293074516 (0xFFE31E54)
YUV	95.0590, -5.4521, 115.7123
Hunter-Lab	42.3078, 68.3258, 15.5118

Details

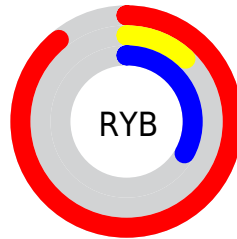
The YUV color **95.0590, -5.4521, 115.7123** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **161.9410, 5.4521, -115.7123**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6940, -8.7231, 91.4764**, and **53.5960, -6.7028, 96.8243** is the 20% darker color. If you saturate the color by 10%, you get **79.7340, -5.7849, 129.1523**, and if you desaturate by 10%, it is **110.3840, -5.1193, 102.2722**.

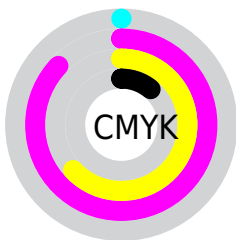
Distribution



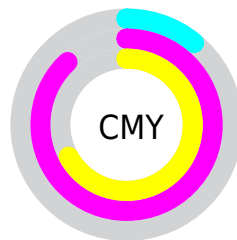
- Red (89%)
- Green (12%)
- Blue (33%)



- Red (89%)
- Yellow (12%)
- Blue (33%)



- Cyan (0%)
- Magenta (87%)
- Yellow (63%)
- Black (11%)





- Cyan (11%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.0590, -5.4521, 115.7123 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 95.0590, -5.4521, 115.7123 by changing the saturation by 10% instead.


 95.0590, -5.4521,
115.7123


 95.0590, -5.4521,
115.7123


255.0000, 0.0000,
0.0000

 65.2590, -2.0997,
113.7829


 150.6940, -8.7231,
91.4764


 53.5960, -6.7028,
96.8243


 171.2680, -6.0481,
73.4330

 41.7480, -10.7218,
79.1510


 191.9560, -2.9363,
55.2896

 30.6120, -14.5987,
62.6073

 212.1710, 0.9017,
37.5610

 21.9840, -8.8661,
43.8640

 232.9730, 4.4503,
19.3177

 12.0740, -5.4595,
24.4911

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 95.0590, -5.4521,
115.7123

■ 95.0590, -5.4521,
115.7123

■ 79.7340, -5.7849,
129.1523

■ 110.3840, -5.1193,
102.2722

■ 74.9410, -6.3799,
133.3557

■ 125.2360, -4.0603,
89.2470

■ 140.5610, -3.7276,
75.8070

■ 156.0000, -2.9580,
62.2670

■ 171.3250, -2.6252,
48.8270

■ 186.1770, -1.5663,
35.8018

■ 201.5020, -1.2335,
22.3617

■ 216.9410, -0.4639,
8.8217

■ 231.6790, 0.1583,
-4.1035

Harmonies

Analogous

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



102.0010, 22.6775, 99.9771



95.0590, -5.4521, 115.7123



106.2090, -43.4870, 88.3937

Triad

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



95.0590, -5.4521, 115.7123



80.9890, -37.4626, -71.0274



105.8870, 68.0897, -92.8629

Complementary

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



95.0590, -5.4521, 115.7123



161.9410, 5.4521, -115.7123

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.



107.4080, 51.0709, -94.1968



95.0590, -5.4521, 115.7123



93.7450, -3.8183, -82.2144

Square

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



95.0590, -5.4521, 115.7123



106.2540, -52.3832, 1.5312



102.6710, 25.3052, -90.0425



93.9190, 73.0039, -82.3670

Rectangle

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



95.0590, -5.4521, 115.7123



109.8840, -54.1728, 62.3687



102.6710, 25.3052, -90.0425



107.4370, 63.8746, -94.2222

Sweetspot

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



95.0590, -5.4521, 115.7123



210.7860, -1.8665, 38.7757



94.6170, 65.2648, 66.9879



101.2140, -1.0915, 23.4913



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.



95.0590, -5.4521, 115.7123



84.2250, -7.0129, 149.7697



114.1440, -41.4830, 98.9747



106.9300, -0.4585, 7.0774



59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Inverse Universe

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



95.0590, -5.4521, 115.7123



84.2250, -7.0129, 149.7697



142.8560, 41.4830, -98.9747



106.9300, -0.4585, 7.0774



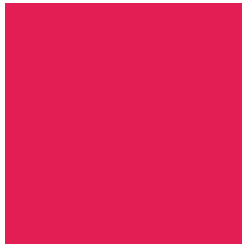
59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 95.0590, -5.4521, 115.7123 looks on a white background.

Color Contrast Check

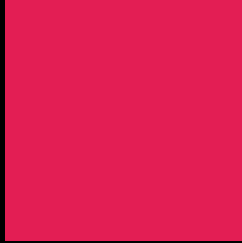
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.0590, -5.4521, 115.7123 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 × Fail

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

YUV 95.0590, -5.4521, 115.7123

Background



This preview shows how black text looks on a background with the YUV color 95.0590, -5.4521, 115.7123.



This preview shows how white text looks on a background with the YUV color 95.0590, -5.4521,

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

95.0590, -5.4521, 115.7123

Protanopia

118.8260, 0.5788, 1.0296

Deuteranopia

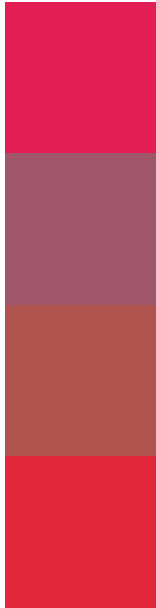
117.5240, -21.4573, 22.3425



Tritanopia

97.0160, -27.1229, 113.1190

Trichromacy



Original Color

95.0590, -5.4521, 115.7123

Protanomaly

110.2210, -1.5880, 42.7792

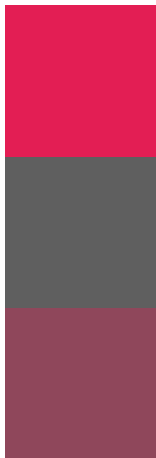
Deuteranomaly

109.6390, -15.5980, 56.4446

Tritanomaly

96.3780, -19.4134, 113.6785

Monochromacy



Original Color

95.0590, -5.4521, 115.7123

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8080, -1.8773, 42.2644

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0590, -5.4521, 115.7123 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, 30, 84)` looks like.

```
.text, #text, p{  
    color:rgb(227, 30, 84)  
}
```

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, 30, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 30, 84) }
```

Border

The CSS property to change the border of an element to YUV 95.0590, -5.4521, 115.7123 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, 30, 84) }
```


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

```
.border{ border-color:rgb(227, 30, 84) }
```

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

Here you see how a box with a 4 pixel rgb(227, 30, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 30, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 30, 84);  
box-shadow:4px 4px 4px 4px rgb(227, 30,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 95.0590, -5.4521, 115.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 30, 84) }
```

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

```
.background{ background-color: rgb(227, 30,  
84) }
```

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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