

Converting Colors

YUV(111.0590, -8.9031,
102.5573)

Have a look what the booklet for
YUV(111.0590, -8.9031, 102.5573)
contains.

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Color

**YUV(111.0590, -8.9031,
102.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	E4375D
RGB	228, 55, 93
RGB Percent	89%, 22%, 36%
CMY	0.1059, 0.7843, 0.6353
CMYK	0.00, 0.76, 0.59, 0.11
HSL	347°, 76%, 55%
HSV	347°, 76%, 89%
XYZ	35.3369, 20.0167, 12.3571
YIQ	111.0590, 90.9100, 48.4940

Conversions

Conversions Part 2

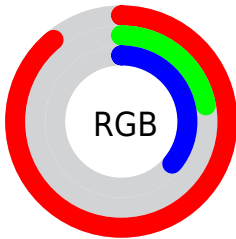
Format	Color
R_{YB}	228, 55, 93
Decimal	14956381
CIE _{Lab}	51.86, 67.05, 20.16
CIE _{LCh}	52, 70.011, 16.737
Yxy	20.0167, 0.5219, 0.2956
Android (android.graphics.Color)	4293146461 (0xFFE4375D)
YUV	111.0590, -8.9031, 102.5573
Hunter-Lab	44.7400, 62.6892, 14.9423

Details

The YUV color **111.0590, -8.9031, 102.5573** 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 **171.9410, 8.9031, -102.5573**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6390, -8.6960, 82.7546**, and **54.8070, -3.3559, 96.6393** is the 20% darker color. If you saturate the color by 10%, you get **95.5060, -10.1095, 116.1972**, and if you desaturate by 10%, it is **126.6120, -7.6967, 88.9173**.

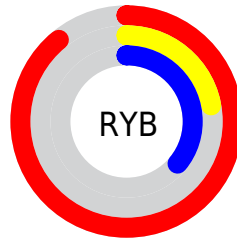
Distribution



Red (89%)

Green (22%)

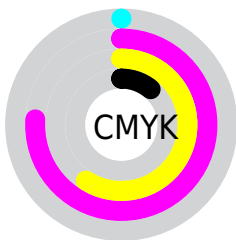
Blue (36%)



Red (89%)

Yellow (22%)

Blue (36%)

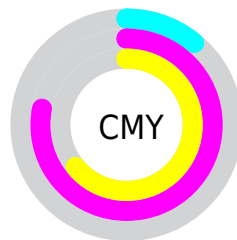


Cyan (0%)

Magenta (76%)

Yellow (59%)

Black (11%)



Cyan (11%)

Magenta (78%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0590, -8.9031, 102.5573 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 111.0590, -8.9031, 102.5573 by changing the saturation by 10% instead.

■ 111.0590, -8.9031,
102.5573

■ 111.0590, -8.9031,
102.5573

■ 255.0000, 0.0000,
0.0000

■ 70.9920, -0.4891,
110.5090

■ 160.6390, -8.6960,
82.7546

■ 54.8070, -3.3559,
96.6393

■ 180.6260, -5.7316,
65.2260

■ 43.4430, -8.1064,
80.2955

■ 200.8410, -1.8936,
47.4974

■ 31.5090, -15.0409,
64.4516

■ 221.5290, 1.2182,
29.3541

■ 22.7670, -9.7451,
45.8083

■ 241.8580, 5.4930,
11.5255

■ 13.2700, -6.0491,
26.9502

■ 0.0000, 0.0000,

0.0000

■ 111.0590, -8.9031,
102.5573

■ 111.0590, -8.9031,
102.5573

■ 95.5060, -10.1095,
116.1972

■ 126.6120, -7.6967,
88.9173

■ 79.9530, -11.3158,
129.8372

■ 142.1650, -6.4903,
75.2773

■ 73.8720, -11.7689,
135.1703

■ 157.0170, -5.4314,
62.2521

■ 172.5700, -4.2250,
48.6121

■ 188.1230, -3.0186,
34.9721

■ 203.6760, -1.8123,
21.3321

■ 219.2290, -0.6059,
7.6922

■ 234.0810, 0.4531,
-5.3330

■ 246.6990, 3.1064,
-16.3990

Harmonies

Analogous

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



116.6590, 17.9161, 87.1221



111.0590, -8.9031, 102.5573



115.6150, -39.2502, 82.7756

Triad

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



111.0590, -8.9031, 102.5573



97.7120, -33.8750, -54.9984



108.4800, 65.3324, -95.1370

Complementary

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



111.0590, -8.9031, 102.5573



171.9410, 8.9031, -102.5573

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.



110.8160, 48.8977, -97.1856



111.0590, -8.9031, 102.5573



97.5920, -1.7709, -85.5882

Square

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



111.0590, -8.9031, 102.5573



112.1790, -55.3042, 5.1050



105.9480, 25.1686, -92.9164



109.4720, 64.3503, -60.0499

Rectangle

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



111.0590, -8.9031, 102.5573



116.0750, -57.2250, 61.3242



105.9480, 25.1686, -92.9164



110.0300, 61.1172, -96.4963

Sweetspot

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



111.0590, -8.9031, 102.5573



215.1230, -3.0186, 34.9721



114.4890, 55.9609, 64.4691



103.6760, -1.8123, 21.3321



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.



111.0590, -8.9031, 102.5573



98.1820, -11.9217, 137.5294



133.7290, -38.8134, 82.6757



106.9300, -0.4585, 7.0774



57.9670, -9.3507, 106.1459



16.5030, -2.7130, 30.2539

Inverse Universe

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



111.0590, -8.9031, 102.5573



98.1820, -11.9217, 137.5294



149.2710, 38.8134, -82.6757



106.9300, -0.4585, 7.0774



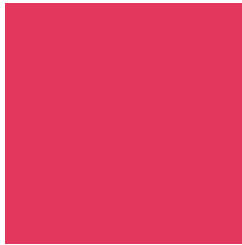
57.9670, -9.3507, 106.1459



16.5030, -2.7130, 30.2539

Previews

White Background



This preview shows how the YUV color 111.0590, -8.9031, 102.5573 looks on a white 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

Black Background



This preview shows how the YUV color 111.0590, -8.9031, 102.5573 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 111.0590, -8.9031, 102.5573

Background



This preview shows how black text looks on a background with the YUV color 111.0590, -8.9031, 102.5573.



This preview shows how white text looks on a background with the YUV color 111.0590, -8.9031,

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

111.0590, -8.9031, 102.5573

Protanopia

124.7120, 0.1420, 1.1296

Deuteranopia

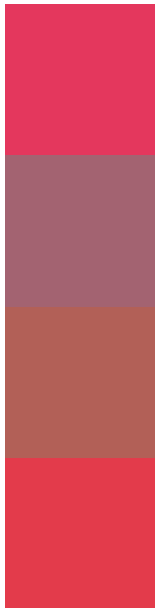
123.9800, -19.7101, 21.9425



Tritanopia

110.9760, -23.1592, 101.7530

Trichromacy



Original Color

111.0590, -8.9031, 102.5573

Protanomaly

119.7320, -3.3189, 37.9460

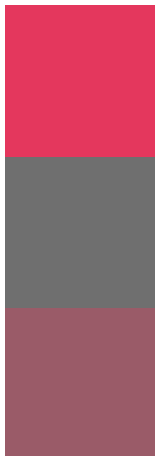
Deuteranomaly

119.4920, -16.0186, 51.3115

Tritanomaly

111.0560, -17.7756, 101.6829

Monochromacy



Original Color

111.0590, -8.9031, 102.5573

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.3190, -3.6083, 37.4312

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0590, -8.9031, 102.5573 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(228, 55, 93)` looks like.

```
.text, #text, p{  
    color:rgb(228, 55, 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(228, 55, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 55, 93) }
```

Border

The CSS property to change the border of an element to YUV 111.0590, -8.9031, 102.5573 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(228, 55, 93) }
```


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

```
.border{ border-color:rgb(228, 55, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 55, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 55, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 55, 93);  
box-shadow:4px 4px 4px 4px rgb(228, 55,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 111.0590, -8.9031, 102.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 55, 93) }
```

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

```
.background{ background-color: rgb(228, 55,  
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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