

Converting Colors

$Y_{xy}(26.3534, 0.4592, 0.3105)$

Have a look what the booklet for
Yxy(26.3534, 0.4592, 0.3105)
contains.

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Color

Yxy(26.3534, 0.4592, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	E26374
RGB	226, 99, 116
RGB Percent	89%, 39%, 45%
CMY	0.1138, 0.6117, 0.5452
CMYK	0.00, 0.56, 0.49, 0.11
HSL	352°, 69%, 64%
HSV	352°, 56%, 89%
XYZ	38.9742, 26.3534, 19.5465
YIQ	138.9110, 70.2350, 32.2110

Conversions

Conversions Part 2

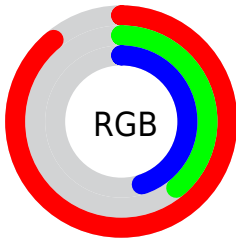
Format	Color
R _Y B	226, 99, 116
Decimal	14836596
CIE Lab	58.37, 50.90, 15.40
CIE LCh	58, 53.178, 16.836
Yxy	26.3534, 0.4592, 0.3105
Android (android.graphics.Color)	4293026676 (0xFFE26374)
YUV	138.9110, -11.2951, 76.3771
Hunter-Lab	51.3356, 45.6807, 13.3597

Details

The Yxy color **26.3534, 0.4592, 0.3105** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.6454, 0.2500, 0.3514**, and the grayscale version is **25.8085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1984, 0.3989, 0.3145**, and **10.3257, 0.5118, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **22.2458, 0.5021, 0.3094**, and if you desaturate by 10%, it is **31.7576, 0.4208, 0.3130**.

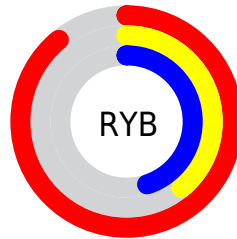
Distribution



Red (89%)

Green (39%)

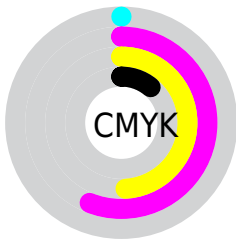
Blue (45%)



Red (89%)

Yellow (39%)

Blue (45%)

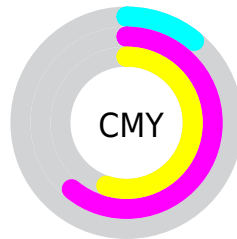


Cyan (0%)

Magenta (56%)

Yellow (49%)

Black (11%)



Cyan (11%)


Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3534, 0.4592, 0.3105 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 Yxy color 26.3534, 0.4592, 0.3105 by changing the saturation by 10% instead.

 26.3534, 0.4592,
0.3105


 26.3534, 0.4592,
0.3105


284.5126, 0.3786,
0.3235


 17.0882, 0.4816,
0.3057


 53.8445, 0.4282,
0.3163

 10.2974, 0.5117,
0.2986


 72.8392, 0.4170,
0.3181

 5.5966, 0.5537,
0.2870

 95.8459, 0.4078,
0.3195

 2.6014, 0.6153,
0.2669

 123.2490, 0.4001,
0.3207

 0.9274, 0.7567,
0.2433

155.4328, 0.3935,
0.3216

 0.0000, 1.0000,
0.0000

192.7817, 0.3879,

 0.0000, 0.0000,

0.3223

0.0000

235.6802, 0.3829,
0.3230

■ 26.3534, 0.4592,
0.3105

■ 26.3534, 0.4592,
0.3105

■ 22.2458, 0.5021,
0.3094

■ 31.7576, 0.4208,
0.3130

■ 19.3219, 0.5463,
0.3104

■ 38.5508, 0.3881,
0.3163

■ 17.4562, 0.5863,
0.3139

■ 46.8215, 0.3612,
0.3199


■ 16.4917, 0.6162,
0.3196


■ 56.6499, 0.3394,
0.3236

■ 16.2614, 0.6248,
0.3216

■ 68.1104, 0.3218,
0.3270

 81.2724, 0.3077,
0.3302

 94.7815, 0.2963,
0.3309

 94.9068, 0.2952,
0.3289

Harmonies

Analogous

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



26.3534, 0.3803, 0.2553



26.3534, 0.4592, 0.3105



26.3534, 0.4893, 0.3729

Triad

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



26.3534, 0.4592, 0.3105



26.3534, 0.3156, 0.4888



26.3534, 0.1743, 0.2058

Complementary

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



26.3534, 0.4592, 0.3105



61.6454, 0.2500, 0.3514

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.



26.3534, 0.1628, 0.2458



26.3534, 0.4592, 0.3105



26.3534, 0.2365, 0.4222

Square

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



26.3534, 0.4592, 0.3105



26.3534, 0.3983, 0.4857



26.3534, 0.1828, 0.3230



26.3534, 0.2161, 0.1975

Rectangle

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



26.3534, 0.4592, 0.3105



26.3534, 0.4774, 0.4155



26.3534, 0.1828, 0.3230



26.3534, 0.1671, 0.2152

Sweetspot

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



26.3548, 0.4592, 0.3105



73.2047, 0.3412, 0.3232



27.6752, 0.2996, 0.1888



15.0815, 0.3453, 0.3225



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3548, 0.4592, 0.3105



28.6846, 0.5077, 0.3094



36.8513, 0.4486, 0.3800



13.7302, 0.3271, 0.3259



9.2881, 0.6221, 0.3201



0.6535, 0.5868, 0.3006

Inverse Universe

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



26.3548, 0.4592, 0.3105



28.6846, 0.5077, 0.3094



41.4159, 0.2291, 0.2672



13.7302, 0.3271, 0.3259



9.2881, 0.6221, 0.3201



0.6535, 0.5868, 0.3006

Previews

White Background



This preview shows how the Yxy color 26.3534, 0.4592, 0.3105 looks on a white background.

Color Contrast Check

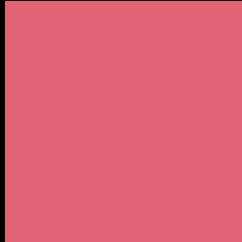
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.3534, 0.4592, 0.3105 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](#).

Yxy 26.3534, 0.4592, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 26.3534, 0.4592, 0.3105.



This preview shows how white text looks on a background with the Yxy color 26.3534, 0.4592, 0.3105.

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

26.3534, 0.4592, 0.3105

Protanopia

26.4916, 0.3201, 0.3339

Deuteranopia

26.4531, 0.3755, 0.3680



Tritanopia

26.3764, 0.4694, 0.3228

Trichromacy



Original Color

26.3534, 0.4592, 0.3105

Protanomaly

25.2509, 0.3680, 0.3232

Deuteranomaly

25.6537, 0.4066, 0.3434

Tritanomaly

26.2477, 0.4659, 0.3183

Monochromacy



Original Color

26.3534, 0.4592, 0.3105

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.7119, 0.3622, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3534, 0.4592, 0.3105 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(226, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(226, 99, 116)  
}
```

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(226, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 99, 116) }
```

Border

The CSS property to change the border of an element to Yxy 26.3534, 0.4592, 0.3105 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(226, 99, 116) }
```

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

```
.border{ border-color:rgb(226, 99, 116) }
```

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

Here you see how a box with a 4 pixel rgb(226, 99, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(226, 99,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3534, 0.4592, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 99, 116) }
```

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

```
.background{ background-color: rgb(226, 99,  
116) }
```

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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