

Converting Colors

$Y_{xy}(29.2581, 0.4543, 0.3183)$

Have a look what the booklet for
Yxy(29.2581, 0.4543, 0.3183)
contains.

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Color

Yxy(29.2581, 0.4543, 0.3183)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E76D77 |
| RGB | 231, 109, 119 |
| RGB Percent | 91%, 43%, 47% |
| CMY | 0.0940, 0.5726, 0.5333 |
| CMYK | 0.00, 0.53, 0.48, 0.09 |
| HSL | 355°, 72%, 67% |
| HSV | 355°, 53%, 91% |
| XYZ | 41.7592, 29.2581, 20.9026 |
| YIQ | 146.6180, 69.5020, 28.9740 |

Conversions

Conversions Part 2

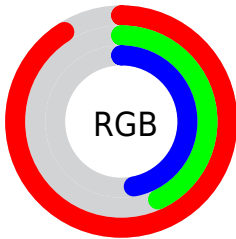
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 109, 119 |
| Decimal | 15166839 |
| CIE Lab | 61.01, 48.17, 17.40 |
| CIE LCh | 61, 51.220, 19.858 |
| Yxy | 29.2581, 0.4543, 0.3183 |
| Android (android.graphics.Color) | 4293356919 (0xFFE76D77) |
| YUV | 146.6180, -13.6157, 74.0030 |
| Hunter-Lab | 54.0908, 43.1469, 14.9518 |

Details

The Yxy color **29.2581, 0.4543, 0.3183** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **65.6349, 0.2495, 0.3416**, and the grayscale version is **29.0473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7512, 0.3924, 0.3219**, and **11.8452, 0.5029, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **24.5082, 0.4984, 0.3175**, and if you desaturate by 10%, it is **35.4196, 0.4153, 0.3200**.

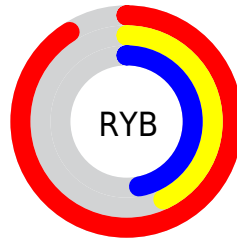
Distribution



Red (91%)

Green (43%)

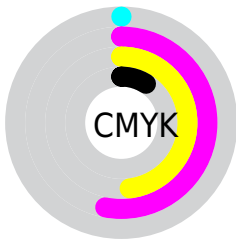
Blue (47%)



Red (91%)

Yellow (43%)

Blue (47%)

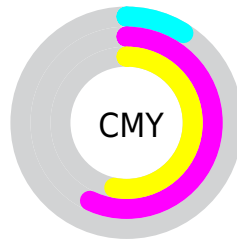


Cyan (0%)

Magenta (53%)

Yellow (48%)

Black (9%)



Cyan (9%)


Magenta (57%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2581, 0.4543, 0.3183 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 29.2581, 0.4543, 0.3183 by changing the saturation by 10% instead.

 29.2581, 0.4543,
0.3183


 29.2581, 0.4543,
0.3183


298.4308, 0.3775,
0.3271


 19.2762, 0.4752,
0.3148


 58.4869, 0.4251,
0.3224

 11.8700, 0.5030,
0.3093


 78.5026, 0.4145,
0.3237

 6.6552, 0.5413,
0.3003


 102.6316, 0.4057,
0.3246

 3.2474, 0.5965,
0.2844

 131.2583, 0.3983,
0.3254

 1.2622, 0.7118,
0.2650

164.7672, 0.3920,
0.3259

 0.1117, 0.9243,
0.0757

203.5427, 0.3865,

 0.0000, 1.0000,

0.3264

0.0000

247.9691, 0.3817,
0.3268

0.0000, 0.0000,
0.0000

29.2581, 0.4543,
0.3183

29.2581, 0.4543,
0.3183

24.5082, 0.4984,
0.3175

35.4196, 0.4153,
0.3200

21.0540, 0.5445,
0.3179

43.0877, 0.3825,
0.3220

18.7685, 0.5867,
0.3200

52.3544, 0.3558,
0.3242

17.4972, 0.6184,
0.3235

63.3030, 0.3342,
0.3264

17.0395, 0.6327,
0.3259

76.0111, 0.3169,
0.3284

■ 90.5514, 0.3031,
0.3303

■ 95.7325, 0.2982,
0.3290

Harmonies

Analogous

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



29.2581, 0.3844, 0.2646



29.2581, 0.4543, 0.3183



29.2581, 0.4776, 0.3781

Triad

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



29.2581, 0.4543, 0.3183



29.2581, 0.3085, 0.4730



29.2581, 0.1848, 0.2112

Complementary

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



29.2581, 0.4543, 0.3183



65.6349, 0.2495, 0.3416

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.



29.2581, 0.1710, 0.2464



29.2581, 0.4543, 0.3183



29.2581, 0.2356, 0.4063

Square

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



29.2581, 0.4543, 0.3183



29.2581, 0.3869, 0.4784



29.2581, 0.1874, 0.3155



29.2581, 0.2278, 0.2056

Rectangle

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



29.2581, 0.4543, 0.3183



29.2581, 0.4640, 0.4179



29.2581, 0.1874, 0.3155



29.2581, 0.1770, 0.2193

Sweetspot

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



29.2596, 0.4543, 0.3183



74.4929, 0.3407, 0.3257



32.0546, 0.3087, 0.1992



15.3312, 0.3451, 0.3252



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.



29.2596, 0.4543, 0.3183



30.4008, 0.5008, 0.3175



43.1812, 0.4321, 0.3866



14.3871, 0.3280, 0.3271



9.5578, 0.6308, 0.3248



0.7130, 0.6073, 0.3119

Inverse Universe

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



29.2596, 0.4543, 0.3183



30.4008, 0.5008, 0.3175



41.7344, 0.2310, 0.2600



14.3871, 0.3280, 0.3271



9.5578, 0.6308, 0.3248



0.7130, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 29.2581, 0.4543, 0.3183 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 29.2581, 0.4543, 0.3183 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 29.2581, 0.4543, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 29.2581, 0.4543, 0.3183.



This preview shows how white text looks on a background with the Yxy color 29.2581, 0.4543, 0.3183.

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

29.2581, 0.4543, 0.3183

Protanopia

29.4747, 0.3279, 0.3432

Deuteranopia

29.4451, 0.3771, 0.3708



Tritanopia

29.2106, 0.4569, 0.3206

Trichromacy



Original Color

29.2581, 0.4543, 0.3183

Protanomaly

28.2375, 0.3709, 0.3321

Deuteranomaly

28.6956, 0.4052, 0.3483

Tritanomaly

29.2342, 0.4556, 0.3195

Monochromacy



Original Color

29.2581, 0.4543, 0.3183

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0462, 0.3604, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2581, 0.4543, 0.3183 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(231, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(231, 109, 119)  
}
```

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(231, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 109, 119) }
```

Border

The CSS property to change the border of an element to Yxy 29.2581, 0.4543, 0.3183 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(231, 109, 119) }
```

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

```
.border{ border-color:rgb(231, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(231, 109,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2581, 0.4543, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 109, 119) }
```

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

```
.background{ background-color: rgb(231,  
109, 119) }
```

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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