

Converting Colors

$Y_{xy}(27.1500, 0.4609, 0.3165)$

Have a look what the booklet for
Yxy(27.1500, 0.4609, 0.3165)
contains.

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Color

Yxy(27.0485, 0.4612, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	E36672
RGB	227, 102, 114
RGB Percent	89%, 40%, 45%
CMY	0.1098, 0.5999, 0.5530
CMYK	0.00, 0.55, 0.50, 0.11
HSL	354°, 69%, 65%
HSV	354°, 55%, 89%
XYZ	39.4646, 27.0485, 19.0563
YIQ	140.7430, 70.6480, 30.2320

Conversions

Conversions Part 2

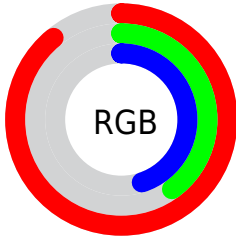
Format	Color
R _Y B	227, 102, 114
Decimal	14902898
CIE Lab	59.02, 49.66, 17.47
CIE LCh	59, 52.640, 19.384
Yxy	27.0485, 0.4612, 0.3161
Android (android.graphics.Color)	4293092978 (0xFFE36672)
YUV	140.7430, -13.1843, 75.6474
Hunter-Lab	52.0082, 44.4343, 14.6813

Details

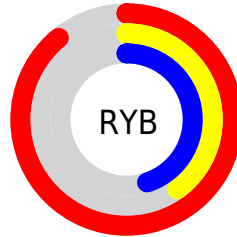
The Yxy color **27.0485, 0.4612, 0.3161** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **62.6666, 0.2486, 0.3445**, and the grayscale version is **26.5636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1271, 0.3999, 0.3198**, and **10.6419, 0.5148, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **22.7658, 0.5055, 0.3154**, and if you desaturate by 10%, it is **32.6602, 0.4216, 0.3179**.

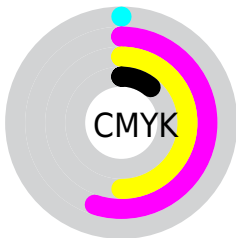
Distribution



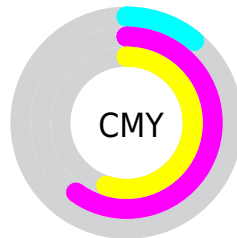
- Red (89%)
- Green (40%)
- Blue (45%)



- Red (89%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (55%)
- Yellow (50%)
- Black (11%)





- Cyan (11%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0485, 0.4612, 0.3161 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 27.0485, 0.4612, 0.3161 by changing the saturation by 10% instead.


 27.0485, 0.4612,
0.3161


 27.0485, 0.4612,
0.3161


287.8919, 0.3798,
0.3264


 17.6097, 0.4837,
0.3120


 54.9617, 0.4300,
0.3209


 10.6701, 0.5138,
0.3056


 74.2048, 0.4187,
0.3224

 5.8455, 0.5555,
0.2950

 97.4848, 0.4094,
0.3235

 2.7513, 0.6160,
0.2761

 125.1861, 0.4016,
0.3243

 1.0033, 0.7475,
0.2525

157.6930, 0.3949,
0.3250

 0.0000, 1.0000,
0.0000

195.3901, 0.3892,

 0.0000, 0.0000,

0.3256

0.0000

238.6615, 0.3842,
0.3260

■ 27.0485, 0.4612,
0.3161

■ 27.0485, 0.4612,
0.3161

■ 22.7658, 0.5055,
0.3154

■ 32.6602, 0.4216,
0.3179

■ 19.6983, 0.5509,
0.3162

■ 39.6937, 0.3880,
0.3203

■ 17.7206, 0.5915,
0.3188

■ 48.2387, 0.3605,
0.3228


■ 16.6776, 0.6210,
0.3231

■ 58.3759, 0.3382,
0.3254

■ 16.3865, 0.6309,
0.3249

■ 70.1808, 0.3204,
0.3278

 83.7237, 0.3060,
0.3301

 95.0695, 0.2958,
0.3290

Harmonies

Analogous

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



27.0485, 0.3867, 0.2607



27.0485, 0.4612, 0.3161



27.0485, 0.4861, 0.3780

Triad

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



27.0485, 0.4612, 0.3161



27.0485, 0.3088, 0.4826



27.0485, 0.1787, 0.2060

Complementary

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



27.0485, 0.4612, 0.3161



62.6666, 0.2486, 0.3445

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.



27.0485, 0.1648, 0.2427



27.0485, 0.4612, 0.3161



27.0485, 0.2323, 0.4123

Square

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



27.0485, 0.4612, 0.3161



27.0485, 0.3907, 0.4856



27.0485, 0.1819, 0.3156



27.0485, 0.2226, 0.2000

Rectangle

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



27.0485, 0.4612, 0.3161



27.0485, 0.4717, 0.4198



27.0485, 0.1819, 0.3156



27.0485, 0.1707, 0.2144

Sweetspot

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



27.0499, 0.4612, 0.3161



73.1198, 0.3424, 0.3249



29.4220, 0.3063, 0.1938



15.0618, 0.3467, 0.3244



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.



27.0499, 0.4612, 0.3161



29.0036, 0.5117, 0.3154



39.7476, 0.4402, 0.3862



14.3903, 0.3277, 0.3268



9.5650, 0.6288, 0.3238



0.7145, 0.6022, 0.3091

Inverse Universe

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



27.0499, 0.4612, 0.3161



29.0036, 0.5117, 0.3154



39.8160, 0.2286, 0.2596



14.3903, 0.3277, 0.3268



9.5650, 0.6288, 0.3238



0.7145, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 27.0485, 0.4612, 0.3161 looks on a white background.

Color Contrast Check

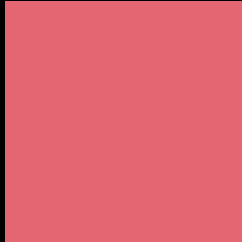
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0485, 0.4612, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

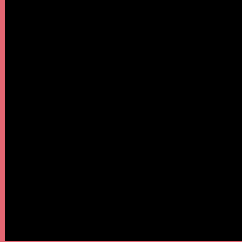
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0485, 0.4612, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 27.0485, 0.4612, 0.3161.



This preview shows how white text looks on a background with the Yxy color 27.0485, 0.4612, 0.3161.

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

27.0485, 0.4612, 0.3161

Protanopia

27.2703, 0.3262, 0.3420

Deuteranopia

27.2989, 0.3804, 0.3735



Tritanopia

27.1572, 0.4660, 0.3217

Trichromacy



Original Color

27.0485, 0.4612, 0.3161

Protanomaly

25.9412, 0.3721, 0.3292

Deuteranomaly

26.3599, 0.4103, 0.3488

Tritanomaly

27.1791, 0.4647, 0.3206

Monochromacy



Original Color

27.0485, 0.4612, 0.3161

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5881, 0.3624, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0485, 0.4612, 0.3161 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, 102, 114)` looks like.

```
.text, #text, p{  
    color:rgb(227, 102, 114)  
}
```

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, 102, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 102, 114) }
```

Border

The CSS property to change the border of an element to Yxy 27.0485, 0.4612, 0.3161 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, 102, 114) }
```

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

```
.border{ border-color:rgb(227, 102, 114) }
```

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

Here you see how a box with a 4 pixel rgb(227, 102, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 102, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 102, 114);  
box-shadow:4px 4px 4px 4px rgb(227, 102,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0485, 0.4612, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 102, 114) }
```

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

```
.background{ background-color: rgb(227,  
102, 114) }
```

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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