

Converting Colors

$Y_{xy}(26.2881, 0.4739, 0.3156)$

Have a look what the booklet for
Yxy(26.2881, 0.4739, 0.3156)
contains.

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Color

Yxy(26.2929, 0.4750, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	E6606D
RGB	230, 96, 109
RGB Percent	90%, 38%, 43%
CMY	0.0979, 0.6236, 0.5725
CMYK	0.00, 0.58, 0.53, 0.10
HSL	354°, 73%, 64%
HSV	354°, 58%, 90%
XYZ	39.5852, 26.2929, 17.4592
YIQ	137.5480, 75.6910, 32.4510

Conversions

Conversions Part 2

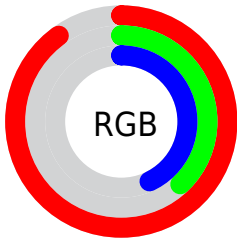
Format	Color
R_{YB}	230, 96, 109
Decimal	15097965
CIE _{Lab}	58.31, 53.08, 19.47
CIE _{LCh}	58, 56.535, 20.147
Yxy	26.2929, 0.4750, 0.3155
Android (android.graphics.Color)	4293288045 (0xFFE6606D)
YUV	137.5480, -14.0742, 81.0804
Hunter-Lab	51.2766, 48.0667, 15.7060

Details

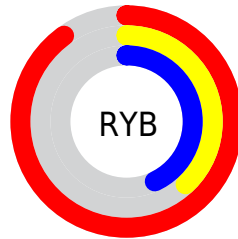
The Yxy color **26.2929, 0.4750, 0.3155** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64.1084, 0.2463, 0.3458**, and the grayscale version is **25.2658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9313, 0.4084, 0.3198**, and **10.2339, 0.5316, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **22.2988, 0.5201, 0.3152**, and if you desaturate by 10%, it is **31.6231, 0.4337, 0.3171**.

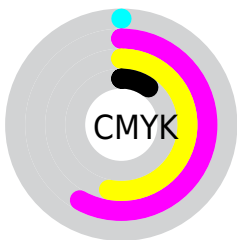
Distribution



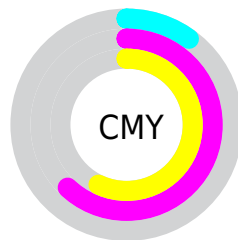
- Red (90%)
- Green (38%)
- Blue (43%)



- Red (90%)
- Yellow (38%)
- Blue (43%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (10%)





- Cyan (10%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2929, 0.4750, 0.3155 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 26.2929, 0.4750, 0.3155 by changing the saturation by 10% instead.


 26.2929, 0.4750,
0.3155


 26.2929, 0.4750,
0.3155


284.2170, 0.3858,
0.3268

 17.0429, 0.4996,
0.3108


 53.7471, 0.4408,
0.3209

 10.2651, 0.5324,
0.3034


 72.7201, 0.4284,
0.3225

 5.5751, 0.5776,
0.2912


 95.7028, 0.4182,
0.3237

 2.5885, 0.6425,
0.2694

 123.0797, 0.4097,
0.3247

 0.9209, 0.7647,
0.2353

155.2352, 0.4024,
0.3254

 0.0000, 1.0000,
0.0000

192.5536, 0.3961,

 0.0000, 0.0000,


0.3260


0.0000


235.4194, 0.3906,
0.3264

 26.2929, 0.4750,
0.3155


 26.2929, 0.4750,
0.3155


 22.2988, 0.5201,
0.3152


 31.6231, 0.4337,
0.3171


 19.5183, 0.5647,
0.3166


 38.3890, 0.3981,
0.3193

 17.8139, 0.6024,
0.3199

 46.6860, 0.3687,
0.3219

 16.9891, 0.6276,
0.3243

 56.5998, 0.3449,
0.3245

 16.8882, 0.6308,
0.3248

 68.2098, 0.3257,
0.3270

■ 81.5904, 0.3103,
0.3294

■ 95.5288, 0.2979,
0.3296

■ 95.5688, 0.2976,
0.3290

Harmonies

Analogous

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



26.2929, 0.3950, 0.2569



26.2929, 0.4750, 0.3155



26.2929, 0.4992, 0.3809

Triad

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



26.2929, 0.4750, 0.3155



26.2929, 0.3046, 0.4961



26.2929, 0.1706, 0.1968

Complementary

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



26.2929, 0.4750, 0.3155



64.1084, 0.2463, 0.3458

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.



26.2929, 0.1551, 0.2339



26.2929, 0.4750, 0.3155



26.2929, 0.2236, 0.4173

Square

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



26.2929, 0.4750, 0.3155



26.2929, 0.3925, 0.4984



26.2929, 0.1716, 0.3109



26.2929, 0.2176, 0.1918

Rectangle

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



26.2929, 0.4750, 0.3155



26.2929, 0.4817, 0.4256



26.2929, 0.1716, 0.3109



26.2929, 0.1620, 0.2051

Sweetspot

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



26.2943, 0.4750, 0.3155



73.1230, 0.3424, 0.3248



28.7713, 0.3056, 0.1872



15.0625, 0.3467, 0.3243



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.



26.2943, 0.4750, 0.3155



27.3036, 0.5298, 0.3153



39.3578, 0.4505, 0.3889



14.3906, 0.3277, 0.3267



9.5658, 0.6286, 0.3236



0.7147, 0.6017, 0.3088

Inverse Universe

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



26.2943, 0.4750, 0.3155



27.3036, 0.5298, 0.3153



39.4127, 0.2243, 0.2546



14.3906, 0.3277, 0.3267



9.5658, 0.6286, 0.3236



0.7147, 0.6017, 0.3088

Previews

White Background



This preview shows how the Yxy color 26.2929, 0.4750, 0.3155 looks on a white background.

Color Contrast Check

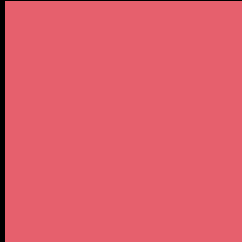
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2929, 0.4750, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

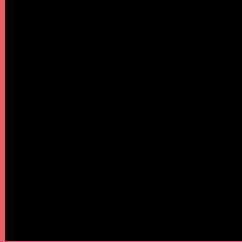
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2929, 0.4750, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 26.2929, 0.4750, 0.3155.



This preview shows how white text looks on a background with the Yxy color 26.2929, 0.4750, 0.3155.

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

26.2929, 0.4750, 0.3155

Protanopia

26.4789, 0.3296, 0.3455

Deuteranopia

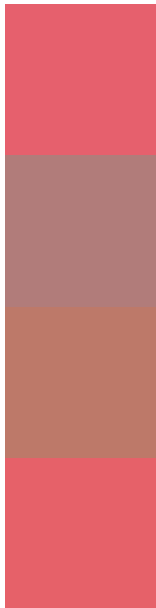
26.4142, 0.3847, 0.3786



Tritanopia

26.3517, 0.4826, 0.3231

Trichromacy



Original Color

26.2929, 0.4750, 0.3155

Protanomaly

25.1676, 0.3808, 0.3322

Deuteranomaly

25.5135, 0.4185, 0.3515

Tritanomaly

26.3923, 0.4798, 0.3210

Monochromacy



Original Color

26.2929, 0.4750, 0.3155

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.3562, 0.3676, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2929, 0.4750, 0.3155 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(230, 96, 109)` looks like.

```
.text, #text, p{  
    color:rgb(230, 96, 109)  
}
```

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(230, 96, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 96, 109) }
```

Border

The CSS property to change the border of an element to Yxy 26.2929, 0.4750, 0.3155 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(230, 96, 109) }
```

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

```
.border{ border-color:rgb(230, 96, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 96, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 96, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 96, 109);  
box-shadow:4px 4px 4px 4px rgb(230, 96,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2929, 0.4750, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 96, 109) }
```

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

```
.background{ background-color: rgb(230, 96,  
109) }
```

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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