

Converting Colors

$Y_{xy}(25.1566, 0.4687, 0.3110)$

Have a look what the booklet for
Yxy(25.1566, 0.4687, 0.3110)
contains.

Yxy(25.1607, 0.4683, 0.3107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.1607, 0.4683, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	E15E6F
RGB	225, 94, 111
RGB Percent	88%, 37%, 44%
CMY	0.1176, 0.6313, 0.5647
CMYK	0.00, 0.58, 0.51, 0.12
HSL	352°, 69%, 63%
HSV	352°, 58%, 88%
XYZ	37.9233, 25.1607, 17.8967
YIQ	135.1070, 72.6190, 33.0590

Conversions

Conversions Part 2

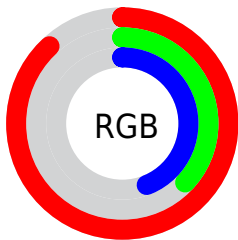
Format	Color
R_{YB}	225, 94, 111
Decimal	14769775
CIE _{Lab}	57.23, 52.44, 16.71
CIE _{LCh}	57, 55.037, 17.670
Yxy	25.1607, 0.4683, 0.3107
Android (android.graphics.Color)	4292959855 (0xFFE15E6F)
YUV	135.1070, -11.8848, 78.8362
Hunter-Lab	50.1604, 47.1722, 13.9582

Details

The Yxy color **25.1607, 0.4683, 0.3107** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **60.7846, 0.2483, 0.3516**, and the grayscale version is **24.2964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3635, 0.4071, 0.3156**, and **9.6926, 0.5244, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **21.3415, 0.5120, 0.3100**, and if you desaturate by 10%, it is **30.2431, 0.4286, 0.3129**.

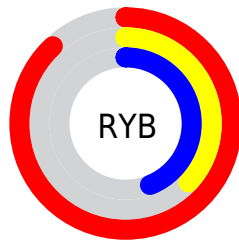
Distribution



Red (88%)

Green (37%)

Blue (44%)



Red (88%)

Yellow (37%)

Blue (44%)

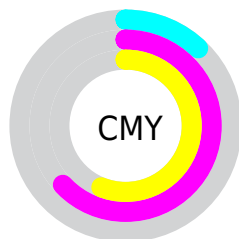


Cyan (0%)

Magenta (58%)

Yellow (51%)

Black (12%)



Cyan (12%)


Magenta (63%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1607, 0.4683, 0.3107 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 25.1607, 0.4683, 0.3107 by changing the saturation by 10% instead.


 25.1607, 0.4683,
0.3107


 25.1607, 0.4683,
0.3107


278.6373, 0.3822,
0.3241


 16.1968, 0.4924,
0.3056


 51.9178, 0.4350,
0.3168

 9.6635, 0.5248,
0.2978


 70.4798, 0.4231,
0.3187

 5.1764, 0.5700,
0.2850

 93.0100, 0.4133,
0.3202

 2.3512, 0.6360,
0.2625

 119.8928, 0.4051,
0.3213

 0.8006, 0.7714,
0.2286

151.5125, 0.3981,
0.3222

 0.0000, 1.0000,
0.0000

188.2535, 0.3920,

 0.0000, 0.0000,

0.3230

0.0000

230.5003, 0.3868,
0.3236

■ 25.1607, 0.4683,
0.3107

■ 25.1607, 0.4683,
0.3107

■ 21.3415, 0.5120,
0.3100

■ 30.2431, 0.4286,
0.3129

■ 18.6706, 0.5558,
0.3115

■ 36.6823, 0.3946,
0.3160

■ 17.0192, 0.5942,
0.3155

■ 44.5678, 0.3664,
0.3195

■ 16.2025, 0.6216,
0.3211

■ 53.9801, 0.3436,
0.3230

■ 16.0971, 0.6254,
0.3219

■ 64.9939, 0.3251,
0.3264

■ 77.6791, 0.3103,
0.3295

■ 92.1012, 0.2984,
0.3324

■ 94.7475, 0.2946,
0.3289

Harmonies

Analogous

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



25.1607, 0.3861, 0.2534



25.1607, 0.4683, 0.3107



25.1607, 0.4976, 0.3752

Triad

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



25.1607, 0.4683, 0.3107



25.1607, 0.3122, 0.4970



25.1607, 0.1695, 0.1998

Complementary

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



25.1607, 0.4683, 0.3107



60.7846, 0.2483, 0.3516

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.



25.1607, 0.1567, 0.2398



25.1607, 0.4683, 0.3107



25.1607, 0.2305, 0.4246

Square

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



25.1607, 0.4683, 0.3107



25.1607, 0.3987, 0.4938



25.1607, 0.1760, 0.3193



25.1607, 0.2135, 0.1924

Rectangle

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



25.1607, 0.4683, 0.3107



25.1607, 0.4834, 0.4195



25.1607, 0.1760, 0.3193



25.1607, 0.1618, 0.2091

Sweetspot

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



25.1621, 0.4683, 0.3107



73.1962, 0.3413, 0.3234



26.7855, 0.3011, 0.1855



15.0795, 0.3455, 0.3227



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.



25.1621, 0.4683, 0.3107



27.4115, 0.5221, 0.3101



36.1732, 0.4536, 0.3838



13.7293, 0.3272, 0.3260



9.2854, 0.6228, 0.3205



0.6531, 0.5882, 0.3014

Inverse Universe

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



25.1621, 0.4683, 0.3107



27.4115, 0.5221, 0.3101



39.2485, 0.2259, 0.2613



13.7293, 0.3272, 0.3260



9.2854, 0.6228, 0.3205



0.6531, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 25.1607, 0.4683, 0.3107 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 25.1607, 0.4683, 0.3107 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 25.1607, 0.4683, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 25.1607, 0.4683, 0.3107.



This preview shows how white text looks on a background with the Yxy color 25.1607, 0.4683, 0.3107.

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

25.1607, 0.4683, 0.3107

Protanopia

25.3356, 0.3224, 0.3357

Deuteranopia

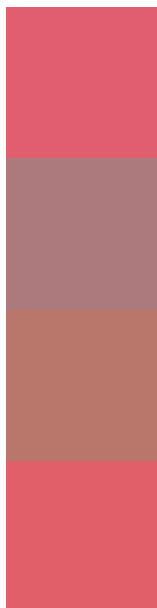
25.2038, 0.3792, 0.3718



Tritanopia

25.1723, 0.4788, 0.3229

Trichromacy



Original Color

25.1607, 0.4683, 0.3107

Protanomaly

23.9261, 0.3721, 0.3231

Deuteranomaly

24.3327, 0.4131, 0.3449

Tritanomaly

25.0516, 0.4752, 0.3185

Monochromacy



Original Color

25.1607, 0.4683, 0.3107

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.2641, 0.3662, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1607, 0.4683, 0.3107 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(225, 94, 111)` looks like.

```
.text, #text, p{  
    color:rgb(225, 94, 111)  
}
```

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(225, 94, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 94, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.1607, 0.4683, 0.3107 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(225, 94, 111) }
```

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

```
.border{ border-color:rgb(225, 94, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 94, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 94, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 94, 111);  
box-shadow:4px 4px 4px 4px rgb(225, 94,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1607, 0.4683, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 94, 111) }
```

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

```
.background{ background-color: rgb(225, 94,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor