

Converting Colors

$Y_{xy}(25.2209, 0.4679, 0.3160)$

Have a look what the booklet for
Yxy(25.2209, 0.4679, 0.3160)
contains.

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Color

Yxy(25.3415, 0.4672, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	DF616D
RGB	223, 97, 109
RGB Percent	87%, 38%, 43%
CMY	0.1255, 0.6196, 0.5725
CMYK	0.00, 0.56, 0.51, 0.13
HSL	354°, 66%, 63%
HSV	354°, 56%, 87%
XYZ	37.4669, 25.3415, 17.3862
YIQ	136.0420, 71.2440, 30.4440

Conversions

Conversions Part 2

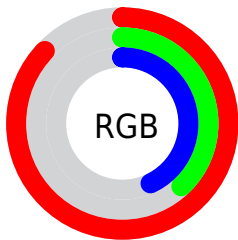
Format	Color
R_{YB}	223, 97, 109
Decimal	14639469
CIE _{Lab}	57.41, 50.20, 18.06
CIE _{LCh}	57, 53.353, 19.785
Yxy	25.3415, 0.4672, 0.3160
Android (android.graphics.Color)	4292829549 (0xFFDF616D)
YUV	136.0420, -13.3317, 76.2622
Hunter-Lab	50.3403, 44.7570, 14.7611

Details

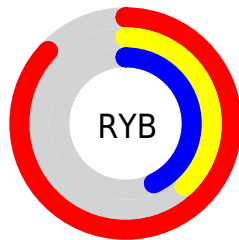
The Yxy color **25.3415, 0.4672, 0.3160** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **60.0207, 0.2475, 0.3449**, and the grayscale version is **24.6692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2545, 0.4080, 0.3209**, and **9.7903, 0.5225, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **21.3989, 0.5119, 0.3154**, and if you desaturate by 10%, it is **30.5446, 0.4268, 0.3177**.

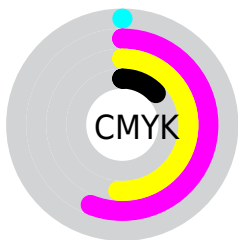
Distribution



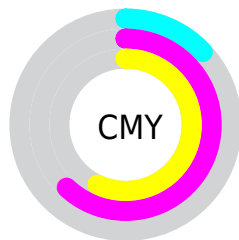
- Red (87%)
- Green (38%)
- Blue (43%)



- Red (87%)
- Yellow (38%)
- Blue (43%)



- Cyan (0%)
- Magenta (56%)
- Yellow (51%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3415, 0.4672, 0.3160 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 25.3415, 0.4672, 0.3160 by changing the saturation by 10% instead.


 25.3415, 0.4672,
0.3160


 25.3415, 0.4672,
0.3160


279.5344, 0.3817,
0.3267

 16.3317, 0.4911,
0.3115


 52.2107, 0.4342,
0.3211


 9.7592, 0.5232,
0.3046


 70.8388, 0.4224,
0.3226

 5.2396, 0.5679,
0.2928

 93.4419, 0.4126,
0.3238

 2.3885, 0.6333,
0.2716

 120.4042, 0.4044,
0.3247

 0.8200, 0.7618,
0.2382

152.1103, 0.3975,
0.3253

 0.0000, 1.0000,
0.0000

188.9444, 0.3915,

 0.0000, 0.0000,

0.3259

0.0000

231.2909, 0.3863,
0.3263

■ 25.3415, 0.4672,
0.3160

■ 25.3415, 0.4672,
0.3160

■ 21.3989, 0.5119,
0.3154

■ 30.5446, 0.4268,
0.3177

■ 18.6059, 0.5569,
0.3165

■ 37.0985, 0.3924,
0.3200

■ 16.8394, 0.5964,
0.3194

■ 45.0902, 0.3641,
0.3225

■ 15.9428, 0.6240,
0.3237

■ 54.5980, 0.3411,
0.3251

■ 15.7431, 0.6308,
0.3249

■ 65.6947, 0.3227,
0.3275

■ 78.4484, 0.3079,
0.3298

■ 92.9231, 0.2960,
0.3319

■ 94.4281, 0.2935,
0.3289

Harmonies

Analogous

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



25.3415, 0.3905, 0.2592



25.3415, 0.4672, 0.3160



25.3415, 0.4917, 0.3794

Triad

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



25.3415, 0.4672, 0.3160



25.3415, 0.3069, 0.4882



25.3415, 0.1752, 0.2020

Complementary

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



25.3415, 0.4672, 0.3160



60.0207, 0.2475, 0.3449

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.



25.3415, 0.1606, 0.2388



25.3415, 0.4672, 0.3160



25.3415, 0.2285, 0.4143

Square

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



25.3415, 0.4672, 0.3160



25.3415, 0.3914, 0.4912



25.3415, 0.1774, 0.3134



25.3415, 0.2206, 0.1965

Rectangle

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



25.3415, 0.4672, 0.3160



25.3415, 0.4759, 0.4225



25.3415, 0.1774, 0.3134



25.3415, 0.1670, 0.2104

Sweetspot

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



25.3429, 0.4672, 0.3160



73.1186, 0.3424, 0.3249



27.6389, 0.3060, 0.1910



15.0615, 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.



25.3429, 0.4672, 0.3160



28.1185, 0.5211, 0.3155



37.5446, 0.4446, 0.3874



13.7216, 0.3277, 0.3268



9.2640, 0.6287, 0.3237



0.6495, 0.6009, 0.3084

Inverse Universe

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



25.3429, 0.4672, 0.3160



28.1185, 0.5211, 0.3155



37.6045, 0.2268, 0.2575



13.7216, 0.3277, 0.3268



9.2640, 0.6287, 0.3237



0.6495, 0.6009, 0.3084

Previews

White Background



This preview shows how the Yxy color 25.3415, 0.4672, 0.3160 looks on a white background.

Color Contrast Check

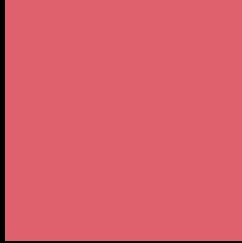
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3415, 0.4672, 0.3160 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 25.3415, 0.4672, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 25.3415, 0.4672, 0.3160.



This preview shows how white text looks on a background with the Yxy color 25.3415, 0.4672, 0.3160.

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

25.3415, 0.4672, 0.3160

Protanopia

25.6016, 0.3276, 0.3441

Deuteranopia

25.5409, 0.3822, 0.3763



Tritanopia

25.4228, 0.4736, 0.3228

Trichromacy



Original Color

25.3415, 0.4672, 0.3160

Protanomaly

24.3417, 0.3751, 0.3307

Deuteranomaly

24.7672, 0.4144, 0.3506

Tritanomaly

25.4639, 0.4708, 0.3205

Monochromacy



Original Color

25.3415, 0.4672, 0.3160

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.7503, 0.3655, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3415, 0.4672, 0.3160 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(223, 97, 109)` looks like.

```
.text, #text, p{  
    color:rgb(223, 97, 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(223, 97, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 97, 109) }
```

Border

The CSS property to change the border of an element to Yxy 25.3415, 0.4672, 0.3160 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(223, 97, 109) }
```

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

```
.border{ border-color:rgb(223, 97, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 97, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 97, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 97, 109); box-shadow:4px 4px 4px 4px rgb(223, 97, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3415, 0.4672, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 97, 109) }
```

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

```
.background{ background-color: rgb(223, 97,  
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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