

Converting Colors

$Y_{xy}(25.6315, 0.4322, 0.3193)$

Have a look what the booklet for
Yxy(25.6315, 0.4322, 0.3193)
contains.

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Color

Yxy(25.6315, 0.4322, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	D06D75
RGB	208, 109, 117
RGB Percent	82%, 43%, 46%
CMY	0.1843, 0.5726, 0.5412
CMYK	0.00, 0.48, 0.44, 0.18
HSL	355°, 51%, 62%
HSV	355°, 48%, 82%
XYZ	34.6944, 25.6315, 19.9481
YIQ	139.5130, 56.4360, 23.4760

Conversions

Conversions Part 2

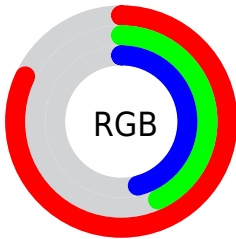
Format	Color
R_{YB}	208, 109, 117
Decimal	13659509
CIE _{Lab}	57.69, 39.73, 13.45
CIE _{LCh}	58, 41.942, 18.709
Yxy	25.6315, 0.4322, 0.3193
Android (android.graphics.Color)	4291849589 (0xFFD06D75)
YUV	139.5130, -11.0989, 60.0631
Hunter-Lab	50.6276, 33.7256, 12.0781

Details

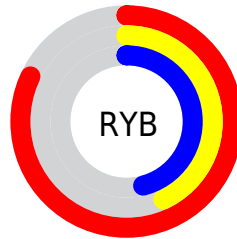
The Yxy color **25.6315, 0.4322, 0.3193** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.5393, 0.2542, 0.3399**, and the grayscale version is **26.0547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9652, 0.3950, 0.3219**, and **9.9398, 0.4761, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **21.3030, 0.4735, 0.3180**, and if you desaturate by 10%, it is **31.1045, 0.3968, 0.3212**.

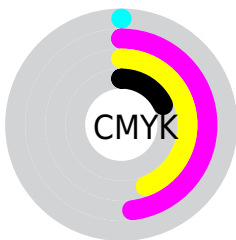
Distribution



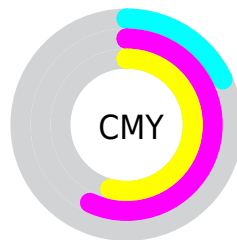
- Red (82%)
- Green (43%)
- Blue (46%)



- Red (82%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (18%)





- Cyan (18%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6315, 0.4322, 0.3193 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 25.6315, 0.4322, 0.3193 by changing the saturation by 10% instead.


 25.6315, 0.4322,
0.3193


 25.6315, 0.4322,
0.3193

280.9684, 0.3660,
0.3267


 16.5482, 0.4510,
0.3163


 52.6799, 0.4065,
0.3228

 9.9129, 0.4765,
0.3117


 71.4137, 0.3974,
0.3238

 5.3412, 0.5128,
0.3038

 94.1331, 0.3898,
0.3246

 2.4488, 0.5679,
0.2892

 121.2226, 0.3835,
0.3252

 0.8508, 0.7182,
0.2818

153.0664, 0.3781,
0.3257

 0.0000, 1.0000,
0.0000


190.0491, 0.3735,


 0.0000, 0.0000,


0.3261


0.0000

232.5550, 0.3695,
0.3265


 25.6315, 0.4322,
0.3193


 25.6315, 0.4322,
0.3193

 21.3030, 0.4735,
0.3180


 31.1045, 0.3968,
0.3212

 18.0342, 0.5188,
0.3177

 37.7910, 0.3675,
0.3233


 15.7348, 0.5637,
0.3188


 45.7594, 0.3437,
0.3255

 14.2981, 0.6020,
0.3215

 55.0717, 0.3247,
0.3275


 13.5756, 0.6277,
0.3251

 65.7859, 0.3093,
0.3295

 13.4515, 0.6322,
0.3256

 77.9567, 0.2970,
0.3312

 91.6357, 0.2871,
0.3328

 92.1516, 0.2849,
0.3289

Harmonies

Analogous

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



25.6315, 0.3718, 0.2715



25.6315, 0.4322, 0.3193



25.6315, 0.4550, 0.3726

Triad

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



25.6315, 0.4322, 0.3193



25.6315, 0.3135, 0.4513



25.6315, 0.1995, 0.2271

Complementary

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



25.6315, 0.4322, 0.3193



52.5393, 0.2542, 0.3399

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.



25.6315, 0.1883, 0.2604



25.6315, 0.4322, 0.3193



25.6315, 0.2490, 0.3971

Square

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



25.6315, 0.4322, 0.3193



25.6315, 0.3815, 0.4570



25.6315, 0.2047, 0.3216



25.6315, 0.2371, 0.2203

Rectangle

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



25.6315, 0.4322, 0.3193



25.6315, 0.4455, 0.4073



25.6315, 0.2047, 0.3216



25.6315, 0.1928, 0.2350

Sweetspot

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



25.6328, 0.4322, 0.3193



77.3636, 0.3367, 0.3262



27.7379, 0.3094, 0.2113



15.8963, 0.3411, 0.3257



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.



25.6328, 0.4322, 0.3193



33.7267, 0.4738, 0.3180



36.4095, 0.4158, 0.3811



11.8235, 0.3278, 0.3272



8.3884, 0.6304, 0.3246



0.4745, 0.6017, 0.3088

Inverse Universe

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



25.6328, 0.4322, 0.3193



33.7267, 0.4738, 0.3180



35.3539, 0.2390, 0.2685



11.8235, 0.3278, 0.3272



8.3884, 0.6304, 0.3246



0.4745, 0.6017, 0.3088

Previews

White Background



This preview shows how the Yxy color 25.6315, 0.4322, 0.3193 looks on a white background.

Color Contrast Check

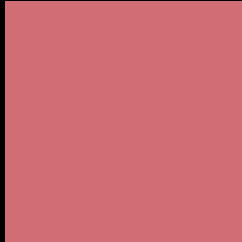
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6315, 0.4322, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

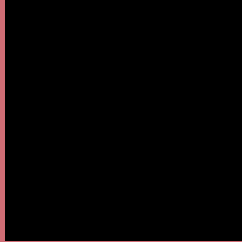
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6315, 0.4322, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 25.6315, 0.4322, 0.3193.



This preview shows how white text looks on a background with the Yxy color 25.6315, 0.4322, 0.3193.

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

25.6315, 0.4322, 0.3193

Protanopia

25.6825, 0.3245, 0.3390

Deuteranopia

25.9238, 0.3690, 0.3622



Tritanopia

25.6315, 0.4322, 0.3193

Trichromacy



Original Color

25.6315, 0.4322, 0.3193

Protanomaly

24.9265, 0.3612, 0.3291

Deuteranomaly

25.4658, 0.3928, 0.3454

Tritanomaly

25.6315, 0.4322, 0.3193

Monochromacy



Original Color

25.6315, 0.4322, 0.3193

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.3658, 0.3522, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6315, 0.4322, 0.3193 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(208, 109, 117)` looks like.

```
.text, #text, p{  
    color:rgb(208, 109, 117)  
}
```

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(208, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 109, 117) }
```

Border

The CSS property to change the border of an element to Yxy 25.6315, 0.4322, 0.3193 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(208, 109, 117) }
```

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

```
.border{ border-color:rgb(208, 109, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 109, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 109, 117); box-shadow:4px 4px 4px 4px rgb(208, 109, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6315, 0.4322, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 109, 117) }
```

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

```
.background{ background-color: rgb(208,  
109, 117) }
```

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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