

Converting Colors

$Y_{xy}(25.8752, 0.4519, 0.3251)$

Have a look what the booklet for
Yxy(25.8752, 0.4519, 0.3251)
contains.

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Color

Yxy(25.8809, 0.4515, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	D76A6E
RGB	215, 106, 110
RGB Percent	84%, 42%, 43%
CMY	0.1568, 0.5844, 0.5686
CMYK	0.00, 0.51, 0.49, 0.16
HSL	358°, 58%, 63%
HSV	358°, 51%, 84%
XYZ	35.9988, 25.8809, 17.8519
YIQ	139.0470, 63.6800, 24.3520

Conversions

Conversions Part 2

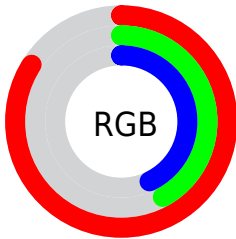
Format	Color
R_{YB}	215, 106, 110
Decimal	14117486
CIE _{Lab}	57.92, 43.12, 17.99
CIE _{LCh}	58, 46.725, 22.646
Yxy	25.8809, 0.4515, 0.3246
Android (android.graphics.Color)	4292307566 (0xFFD76A6E)
YUV	139.0470, -14.3202, 66.6108
Hunter-Lab	50.8733, 37.2816, 14.8059

Details

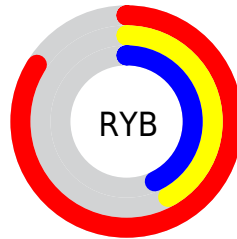
The Yxy color **25.8809, 0.4515, 0.3246** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **56.3809, 0.2490, 0.3342**, and the grayscale version is **25.8753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9748, 0.4037, 0.3282**, and **10.0651, 0.5009, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **21.5933, 0.4964, 0.3243**, and if you desaturate by 10%, it is **31.3874, 0.4121, 0.3253**.

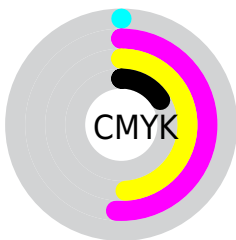
Distribution



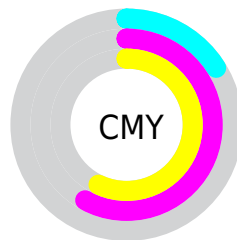
- Red (84%)
- Green (42%)
- Blue (43%)



- Red (84%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (51%)
- Yellow (49%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8809, 0.4515, 0.3246 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 25.8809, 0.4515, 0.3246 by changing the saturation by 10% instead.


 25.8809, 0.4515,
0.3246


 25.8809, 0.4515,
0.3246

282.1969, 0.3748,
0.3301


 16.7346, 0.4730,
0.3217


 53.0827, 0.4219,
0.3276

 10.0454, 0.5020,
0.3170


 71.9070, 0.4113,
0.3284

 5.4291, 0.5426,
0.3085

 94.7261, 0.4025,
0.3290

 2.5012, 0.6026,
0.2920

 121.9244, 0.3952,
0.3294

 0.8772, 0.7305,
0.2695

153.8862, 0.3889,
0.3297

 0.0000, 1.0000,
0.0000

190.9959, 0.3836,

 0.0000, 0.0000,

0.3299

0.0000

233.6381, 0.3789,
0.3300

■ 25.8809, 0.4515,
0.3246

■ 25.8809, 0.4515,
0.3246

■ 21.5933, 0.4964,
0.3243

■ 31.3874, 0.4121,
0.3253

■ 18.4285, 0.5436,
0.3245

■ 38.1915, 0.3792,
0.3262

■ 16.2826, 0.5871,
0.3254

■ 46.3700, 0.3525,
0.3271

■ 15.0304, 0.6197,
0.3270

■ 55.9923, 0.3310,
0.3281

■ 14.4684, 0.6369,
0.3282

■ 67.1236, 0.3138,
0.3289

■ 79.8247, 0.3000,
0.3297

■ 93.1894, 0.2889,
0.3290

■ 93.1910, 0.2889,
0.3289

Harmonies

Analogous

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



25.8809, 0.3884, 0.2719



25.8809, 0.4515, 0.3246



25.8809, 0.4694, 0.3824

Triad

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



25.8809, 0.4515, 0.3246



25.8809, 0.3024, 0.4614



25.8809, 0.1928, 0.2147

Complementary

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



25.8809, 0.4515, 0.3246



56.3809, 0.2490, 0.3342

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.



25.8809, 0.1769, 0.2461



25.8809, 0.4515, 0.3246



25.8809, 0.2339, 0.3944

Square

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



25.8809, 0.4515, 0.3246



25.8809, 0.3777, 0.4731



25.8809, 0.1901, 0.3094



25.8809, 0.2369, 0.2114

Rectangle

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



25.8809, 0.4515, 0.3246



25.8809, 0.4541, 0.4202



25.8809, 0.1901, 0.3094



25.8809, 0.1843, 0.2218

Sweetspot

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



25.8823, 0.4515, 0.3246



75.8273, 0.3399, 0.3277



28.8521, 0.3128, 0.2057



15.5903, 0.3445, 0.3275



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.



25.8823, 0.4515, 0.3246



31.2929, 0.5005, 0.3243



38.9521, 0.4226, 0.3886



12.4282, 0.3285, 0.3282



8.6549, 0.6358, 0.3276



0.5247, 0.6226, 0.3203

Inverse Universe

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



25.8823, 0.4515, 0.3246



31.2929, 0.5005, 0.3243



35.2282, 0.2333, 0.2581



12.4282, 0.3285, 0.3282



8.6549, 0.6358, 0.3276



0.5247, 0.6226, 0.3203

Previews

White Background



This preview shows how the Yxy color 25.8809, 0.4515, 0.3246 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 25.8809, 0.4515, 0.3246 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 25.8809, 0.4515, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 25.8809, 0.4515, 0.3246.



This preview shows how white text looks on a background with the Yxy color 25.8809, 0.4515, 0.3246.

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

25.8809, 0.4515, 0.3246

Protanopia

25.9913, 0.3329, 0.3507

Deuteranopia

25.9626, 0.3806, 0.3745



Tritanopia

25.9474, 0.4473, 0.3210

Trichromacy



Original Color

25.8809, 0.4515, 0.3246

Protanomaly

25.0809, 0.3734, 0.3399

Deuteranomaly

25.5441, 0.4069, 0.3537

Tritanomaly

25.9250, 0.4487, 0.3222

Monochromacy



Original Color

25.8809, 0.4515, 0.3246

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9527, 0.3600, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8809, 0.4515, 0.3246 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(215, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(215, 106, 110)  
}
```

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(215, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 106, 110) }
```

Border

The CSS property to change the border of an element to Yxy 25.8809, 0.4515, 0.3246 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(215, 106, 110) }
```

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

```
.border{ border-color:rgb(215, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(215, 106,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8809, 0.4515, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 106, 110) }
```

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

```
.background{ background-color: rgb(215,  
106, 110) }
```

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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