

Converting Colors

$Yxy(25.3535, 0.4477, 0.3242)$

Have a look what the booklet for
Yxy(25.3535, 0.4477, 0.3242)
contains.

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Color

Yxy(25.4309, 0.4482, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D46A6E
RGB	212, 106, 110
RGB Percent	83%, 42%, 43%
CMY	0.1685, 0.5844, 0.5686
CMYK	0.00, 0.50, 0.48, 0.17
HSL	358°, 55%, 62%
HSV	358°, 50%, 83%
XYZ	35.1252, 25.4309, 17.8134
YIQ	138.1500, 61.8920, 23.7160

Conversions

Conversions Part 2

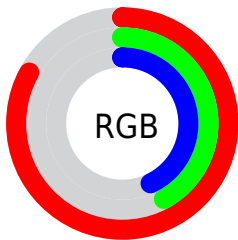
Format	Color
RYB	212, 106, 110
Decimal	13920878
CIELab	57.49, 42.03, 17.33
CIElCh	57, 45.461, 22.404
Yxy	25.4309, 0.4482, 0.3245
Android (android.graphics.Color)	4292110958 (0xFFD46A6E)
YUV	138.1500, -13.8779, 64.7665
Hunter-Lab	50.4291, 36.0792, 14.3569

Details

The Yxy color **25.4309, 0.4482, 0.3245** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54.7151, 0.2497, 0.3343**, and the grayscale version is **25.5123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9748, 0.4037, 0.3282**, and **9.7695, 0.4968, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **21.1955, 0.4927, 0.3241**, and if you desaturate by 10%, it is **30.8513, 0.4094, 0.3253**.

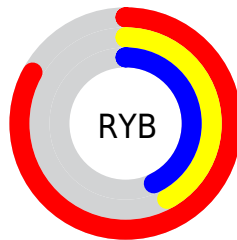
Distribution



Red (83%)

Green (42%)

Blue (43%)



Red (83%)

Yellow (42%)

Blue (43%)

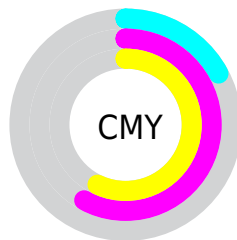


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (17%)



Cyan (17%)


Magenta (58%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4309, 0.4482, 0.3245 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 25.4309, 0.4482, 0.3245 by changing the saturation by 10% instead.


 25.4309, 0.4482,
0.3245


 25.4309, 0.4482,
0.3245


279.9771, 0.3731,
0.3299


 16.3984, 0.4694,
0.3217


 52.3554, 0.4191,
0.3274


 9.8065, 0.4980,
0.3171


 71.0162, 0.4087,
0.3282

 5.2708, 0.5384,
0.3088

 93.6552, 0.4002,
0.3288

 2.4070, 0.5984,
0.2925

 120.6568, 0.3930,
0.3292

 0.8295, 0.7295,
0.2705

152.4054, 0.3869,
0.3295

 0.0000, 1.0000,
0.0000

189.2854, 0.3816,

 0.0000, 0.0000,

0.3297

0.0000

231.6811, 0.3771,
0.3298

■ 25.4309, 0.4482,
0.3245

■ 25.4309, 0.4482,
0.3245

■ 21.1955, 0.4927,
0.3241

■ 30.8513, 0.4094,
0.3253

■ 18.0528, 0.5398,
0.3243

■ 37.5319, 0.3770,
0.3262

■ 15.9037, 0.5838,
0.3252

■ 45.5465, 0.3507,
0.3271

■ 14.6292, 0.6175,
0.3268

■ 54.9620, 0.3296,
0.3281

■ 14.0179, 0.6367,
0.3281

■ 65.8407, 0.3127,
0.3290

■ 78.2415, 0.2992,
0.3298

■ 92.2196, 0.2883,
0.3306

■ 92.7403, 0.2872,
0.3289

Harmonies

Analogous

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



25.4309, 0.3862, 0.2726



25.4309, 0.4482, 0.3245



25.4309, 0.4663, 0.3814

Triad

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



25.4309, 0.4482, 0.3245



25.4309, 0.3034, 0.4586



25.4309, 0.1947, 0.2169

Complementary

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



25.4309, 0.4482, 0.3245



54.7151, 0.2497, 0.3343

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.



25.4309, 0.1792, 0.2482



25.4309, 0.4482, 0.3245



25.4309, 0.2361, 0.3936

Square

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



25.4309, 0.4482, 0.3245



25.4309, 0.3773, 0.4699



25.4309, 0.1926, 0.3106



25.4309, 0.2379, 0.2134

Rectangle

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



25.4309, 0.4482, 0.3245



25.4309, 0.4518, 0.4184



25.4309, 0.1926, 0.3106



25.4309, 0.1864, 0.2240

Sweetspot

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



25.4322, 0.4482, 0.3245



75.8295, 0.3399, 0.3276



28.2855, 0.3128, 0.2072



15.5908, 0.3445, 0.3274



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.



25.4322, 0.4482, 0.3245



31.8414, 0.4956, 0.3241



38.0542, 0.4205, 0.3878



12.4284, 0.3285, 0.3282



8.6553, 0.6357, 0.3275



0.5248, 0.6221, 0.3201

Inverse Universe

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



25.4322, 0.4482, 0.3245



31.8414, 0.4956, 0.3241



34.4790, 0.2344, 0.2593



12.4284, 0.3285, 0.3282



8.6553, 0.6357, 0.3275



0.5248, 0.6221, 0.3201

Previews

White Background



This preview shows how the Yxy color 25.4309, 0.4482, 0.3245 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 25.4309, 0.4482, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

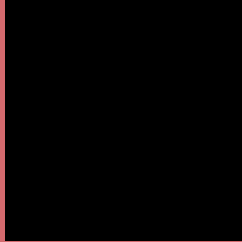
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4309, 0.4482, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 25.4309, 0.4482, 0.3245.



This preview shows how white text looks on a background with the Yxy color 25.4309, 0.4482, 0.3245.

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

25.4309, 0.4482, 0.3245

Protanopia

25.6126, 0.3320, 0.3491

Deuteranopia

25.5815, 0.3799, 0.3732



Tritanopia

25.4974, 0.4440, 0.3209

Trichromacy



Original Color

25.4309, 0.4482, 0.3245

Protanomaly

24.7128, 0.3726, 0.3384

Deuteranomaly

25.0512, 0.4051, 0.3525

Tritanomaly

25.4750, 0.4454, 0.3221

Monochromacy



Original Color

25.4309, 0.4482, 0.3245

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4796, 0.3579, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4309, 0.4482, 0.3245 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(212, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 110) }
```

Border

The CSS property to change the border of an element to Yxy 25.4309, 0.4482, 0.3245 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(212, 106, 110) }
```

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

```
.border{ border-color:rgb(212, 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(212, 106, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4309, 0.4482, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 110) }
```

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

```
.background{ background-color: rgb(212,  
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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