

Converting Colors

$Yxy(24.5233, 0.4489, 0.3243)$

Have a look what the booklet for
Yxy(24.5233, 0.4489, 0.3243)
contains.

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Color

Yxy(24.5386, 0.4489, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D1686C
RGB	209, 104, 108
RGB Percent	82%, 41%, 42%
CMY	0.1805, 0.5921, 0.5765
CMYK	0.00, 0.50, 0.48, 0.18
HSL	358°, 53%, 61%
HSV	358°, 50%, 82%
XYZ	33.9457, 24.5386, 17.1354
YIQ	135.8510, 61.2960, 23.5040

Conversions

Conversions Part 2

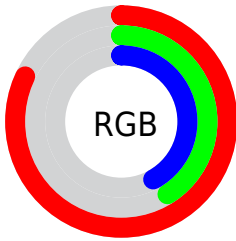
Format	Color
R _Y B	209, 104, 108
Decimal	13723756
CIE Lab	56.62, 41.72, 17.23
CIE LCh	57, 45.136, 22.445
Yxy	24.5386, 0.4489, 0.3245
Android (android.graphics.Color)	4291913836 (0xFFD1686C)
YUV	135.8510, -13.7305, 64.1517
Hunter-Lab	49.5365, 35.6314, 14.1662

Details

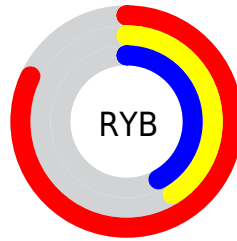
The Yxy color **24.5386, 0.4489, 0.3245** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.9390, 0.2496, 0.3343**, and the grayscale version is **24.5994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8771, 0.4070, 0.3272**, and **9.2769, 0.4989, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **20.4604, 0.4934, 0.3241**, and if you desaturate by 10%, it is **29.7604, 0.4100, 0.3252**.

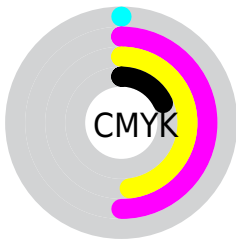
Distribution



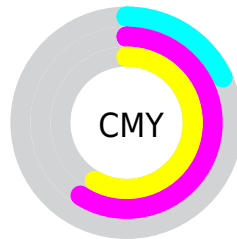
- Red (82%)
- Green (41%)
- Blue (42%)



- Red (82%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (18%)



- Cyan (18%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5386, 0.4489, 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 24.5386, 0.4489, 0.3245 by changing the saturation by 10% instead.


 24.5386, 0.4489,
0.3245


 24.5386, 0.4489,
0.3245


275.5323, 0.3730,
0.3300


 15.7336, 0.4705,
0.3216


 50.9077, 0.4194,
0.3275


 9.3359, 0.4998,
0.3169


 69.2406, 0.4089,
0.3283

 4.9609, 0.5412,
0.3082

 91.5183, 0.4002,
0.3288

 2.2243, 0.6039,
0.2914

 118.1252, 0.3930,
0.3292

 0.7332, 0.7368,
0.2632

149.4456, 0.3869,
0.3295

 0.0000, 1.0000,
0.0000


185.8640, 0.3816,


 0.0000, 0.0000,

0.3297


0.0000

227.7648, 0.3770,
0.3299


 24.5386, 0.4489,
0.3245


 24.5386, 0.4489,
0.3245

 20.4604, 0.4934,
0.3241

 29.7604, 0.4100,
0.3252


 17.4365, 0.5405,
0.3243


 36.1986, 0.3775,
0.3262


 15.3711, 0.5843,
0.3252

 43.9244, 0.3512,
0.3271

 14.1489, 0.6179,
0.3268

 53.0025, 0.3300,
0.3281

 13.5685, 0.6366,
0.3281

 63.4932, 0.3130,
0.3290

■ 75.4533, 0.2995,
0.3298

■ 88.9363, 0.2885,
0.3306

■ 92.2911, 0.2855,
0.3289

Harmonies

Analogous

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



24.5386, 0.3867, 0.2725



24.5386, 0.4489, 0.3245



24.5386, 0.4670, 0.3816

Triad

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



24.5386, 0.4489, 0.3245



24.5386, 0.3032, 0.4592



24.5386, 0.1942, 0.2164

Complementary

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



24.5386, 0.4489, 0.3245



52.9390, 0.2496, 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.



24.5386, 0.1787, 0.2478



24.5386, 0.4489, 0.3245



24.5386, 0.2356, 0.3938

Square

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



24.5386, 0.4489, 0.3245



24.5386, 0.3774, 0.4706



24.5386, 0.1921, 0.3104



24.5386, 0.2377, 0.2129

Rectangle

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



24.5386, 0.4489, 0.3245



24.5386, 0.4523, 0.4188



24.5386, 0.1921, 0.3104



24.5386, 0.1859, 0.2235

Sweetspot

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



24.5399, 0.4489, 0.3245



75.8293, 0.3399, 0.3276



27.3064, 0.3128, 0.2069



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.



24.5399, 0.4489, 0.3245



31.8412, 0.4956, 0.3241



36.7654, 0.4210, 0.3880



11.8154, 0.3285, 0.3282



8.3718, 0.6356, 0.3275



0.4707, 0.6213, 0.3196

Inverse Universe

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



24.5399, 0.4489, 0.3245



31.8412, 0.4956, 0.3241



33.2980, 0.2341, 0.2591



11.8154, 0.3285, 0.3282



8.3718, 0.6356, 0.3275



0.4707, 0.6213, 0.3196

Previews

White Background



This preview shows how the Yxy color 24.5386, 0.4489, 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 24.5386, 0.4489, 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 24.5386, 0.4489, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 24.5386, 0.4489, 0.3245.



This preview shows how white text looks on a background with the Yxy color 24.5386, 0.4489, 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

24.5386, 0.4489, 0.3245

Protanopia

24.8143, 0.3322, 0.3494

Deuteranopia

24.6855, 0.3796, 0.3739



Tritanopia

24.6036, 0.4447, 0.3207

Trichromacy



Original Color

24.5386, 0.4489, 0.3245

Protanomaly

23.8303, 0.3723, 0.3385

Deuteranomaly

24.1596, 0.4052, 0.3528

Tritanomaly

24.5817, 0.4461, 0.3220

Monochromacy



Original Color

24.5386, 0.4489, 0.3245

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.7082, 0.3586, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5386, 0.4489, 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(209, 104, 108)` looks like.

```
.text, #text, p{  
    color:rgb(209, 104, 108)  
}
```

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(209, 104, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 104, 108) }
```

Border

The CSS property to change the border of an element to Yxy 24.5386, 0.4489, 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(209, 104, 108) }
```

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

```
.border{ border-color:rgb(209, 104, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 104, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 104, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 104, 108); box-shadow:4px 4px 4px 4px rgb(209, 104, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5386, 0.4489, 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(209, 104, 108) }
```

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

```
.background{ background-color: rgb(209,  
104, 108) }
```

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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