

Converting Colors

$Y_{xy}(25.0728, 0.4086, 0.2804)$

Have a look what the booklet for
Yxy(25.0728, 0.4086, 0.2804)
contains.

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Color

Yxy(25.0048, 0.4087, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	D4648C
RGB	212, 100, 140
RGB Percent	83%, 39%, 55%
CMY	0.1686, 0.6079, 0.4509
CMYK	0.00, 0.53, 0.34, 0.17
HSL	339°, 57%, 61%
HSV	339°, 53%, 83%
XYZ	36.4460, 25.0048, 27.7247
YIQ	138.0480, 53.9120, 36.1840

Conversions

Conversions Part 2

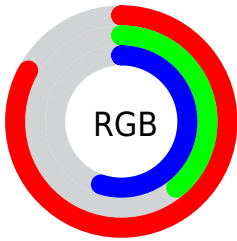
Format	Color
R _Y B	212, 100, 140
Decimal	13919372
CIE Lab	57.08, 48.25, -0.76
CIE LCh	57, 48.257, 359.092
Yxy	25.0048, 0.4087, 0.2804
Android (android.graphics.Color)	4292109452 (0xFFD4648C)
YUV	138.0480, 0.9623, 64.8559
Hunter-Lab	50.0048, 42.5914, 2.1306

Details

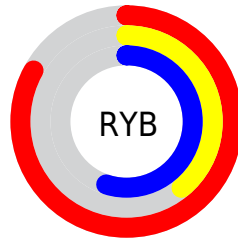
The Yxy color **25.0048, 0.4087, 0.2804** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.7800, 0.2659, 0.3872**, and the grayscale version is **25.4161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2215, 0.3735, 0.2886**, and **9.5622, 0.4439, 0.2629** is the 20% darker color. If you saturate the color by 10%, you get **21.0775, 0.4382, 0.2738**, and if you desaturate by 10%, it is **30.0424, 0.3830, 0.2889**.

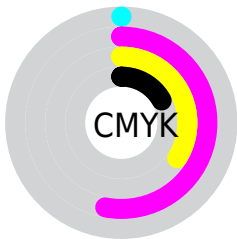
Distribution



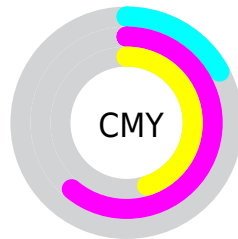
- Red (83%)
- Green (39%)
- Blue (55%)



- Red (83%)
- Yellow (39%)
- Blue (55%)



- Cyan (0%)
- Magenta (53%)
- Yellow (34%)
- Black (17%)





- Cyan (17%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0048, 0.4087, 0.2804 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 25.0048, 0.4087, 0.2804 by changing the saturation by 10% instead.

 25.0048, 0.4087,
0.2804


 25.0048, 0.4087,
0.2804


277.8618, 0.3561,
0.3070

 16.0806, 0.4235,
0.2730


 51.6650, 0.3884,
0.2906

 9.5812, 0.4436,
0.2629


 70.1698, 0.3811,
0.2943

 5.1222, 0.4724,
0.2485


 92.6370, 0.3751,
0.2973

 2.3191, 0.5165,
0.2267

 119.4509, 0.3701,
0.2999

 0.7838, 0.5919,
0.1892

150.9960, 0.3658,
0.3020

 0.0000, 1.0000,
0.0000

187.6565, 0.3621,

 0.0000, 0.0000,

0.3039

0.0000

229.8170, 0.3589,
0.3055

■ 25.0048, 0.4087,
0.2804

■ 25.0048, 0.4087,
0.2804

■ 21.0775, 0.4382,
0.2738

■ 30.0424, 0.3830,
0.2889

■ 18.1710, 0.4706,
0.2705

■ 36.2630, 0.3611,
0.2984

■ 16.1880, 0.5041,
0.2715

■ 43.7378, 0.3430,
0.3081

■ 15.0101, 0.5361,
0.2776

■ 52.5311, 0.3280,
0.3176

■ 14.5173, 0.5572,
0.2843

■ 62.7027, 0.3158,
0.3266

■ 74.3088, 0.3058,
0.3349

■ 87.4024, 0.2976,
0.3427

■ 92.3599, 0.2903,
0.3351

■ 92.7389, 0.2872,
0.3289

Harmonies

Analogous

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



25.0048, 0.3245, 0.2357



25.0048, 0.4087, 0.2804



25.0048, 0.4661, 0.3364

Triad

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



25.0048, 0.4087, 0.2804



25.0048, 0.3633, 0.4821



25.0048, 0.1730, 0.2327

Complementary

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



25.0048, 0.4087, 0.2804



52.7800, 0.2659, 0.3872

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.



25.0048, 0.1798, 0.2911



25.0048, 0.4087, 0.2804



25.0048, 0.2847, 0.4572

Square

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



25.0048, 0.4087, 0.2804



25.0048, 0.4326, 0.4518



25.0048, 0.2181, 0.3779



25.0048, 0.1956, 0.2073

Rectangle

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



25.0048, 0.4087, 0.2804



25.0048, 0.4766, 0.3764



25.0048, 0.2181, 0.3779



25.0048, 0.1719, 0.2484

Sweetspot

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



25.0061, 0.4087, 0.2804



75.0993, 0.3327, 0.3145



22.5182, 0.2754, 0.1867



15.4741, 0.3357, 0.3125



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.



25.0061, 0.4087, 0.2804



31.5868, 0.4408, 0.2734



27.1642, 0.4552, 0.3475



12.4934, 0.3236, 0.3207



8.9786, 0.5534, 0.2822



0.5571, 0.5054, 0.2558

Inverse Universe

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



25.0061, 0.4087, 0.2804



31.5868, 0.4408, 0.2734



47.4303, 0.2410, 0.3079



12.4934, 0.3236, 0.3207



8.9786, 0.5534, 0.2822



0.5571, 0.5054, 0.2558

Previews

White Background



This preview shows how the Yxy color 25.0048, 0.4087, 0.2804 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 25.0048, 0.4087, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

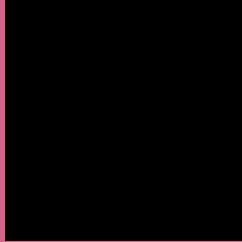
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0048, 0.4087, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 25.0048, 0.4087, 0.2804.



This preview shows how white text looks on a background with the Yxy color 25.0048, 0.4087, 0.2804.

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

25.0048, 0.4087, 0.2804

Protanopia

25.1225, 0.2833, 0.2865

Deuteranopia

25.1997, 0.3324, 0.3258



Tritanopia

24.9970, 0.4424, 0.3195

Trichromacy



Original Color

25.0048, 0.4087, 0.2804

Protanomaly

24.0761, 0.3231, 0.2817

Deuteranomaly

24.4796, 0.3594, 0.3054

Tritanomaly

24.9794, 0.4305, 0.3047

Monochromacy



Original Color

25.0048, 0.4087, 0.2804

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.2787, 0.3452, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0048, 0.4087, 0.2804 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, 100, 140)` looks like.

```
.text, #text, p{  
    color:rgb(212, 100, 140)  
}
```

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, 100, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 100, 140) }
```

Border

The CSS property to change the border of an element to Yxy 25.0048, 0.4087, 0.2804 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, 100, 140) }
```

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

```
.border{ border-color:rgb(212, 100, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 100, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 100, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 100, 140);  
box-shadow:4px 4px 4px 4px rgb(212, 100,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0048, 0.4087, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 100, 140) }
```

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

```
.background{ background-color: rgb(212,  
100, 140) }
```

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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