

Converting Colors

$Y_{xy}(25.8998, 0.3669, 0.2672)$

Have a look what the booklet for
Yxy(25.8998, 0.3669, 0.2672)
contains.

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Color

Yxy(25.8998, 0.3669, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	C86E9E
RGB	200, 110, 158
RGB Percent	78%, 43%, 62%
CMY	0.2157, 0.5686, 0.3804
CMYK	0.00, 0.45, 0.21, 0.22
HSL	328°, 45%, 61%
HSV	328°, 45%, 78%
XYZ	35.5638, 25.8998, 35.4668
YIQ	142.3820, 38.2320, 34.0080

Conversions

Conversions Part 2

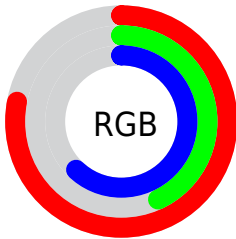
Format	Color
R_{YB}	200, 110, 158
Decimal	13135518
CIE _{Lab}	57.94, 41.58, -10.12
CIE _{LCh}	58, 42.796, 346.316
Yxy	25.8998, 0.3669, 0.2672
Android (android.graphics.Color)	4291325598 (0xFFC86E9E)
YUV	142.3820, 7.6997, 50.5310
Hunter-Lab	50.8918, 35.6770, -5.6953

Details

The Yxy color **25.8998, 0.3669, 0.2672** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.8869, 0.2807, 0.4019**, and the grayscale version is **27.1681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6150, 0.3525, 0.2788**, and **10.1188, 0.3846, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **21.7516, 0.3850, 0.2548**, and if you desaturate by 10%, it is **31.0487, 0.3511, 0.2809**.

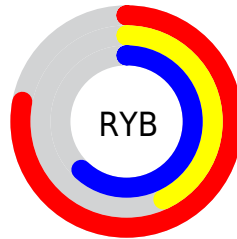
Distribution



Red (78%)

Green (43%)

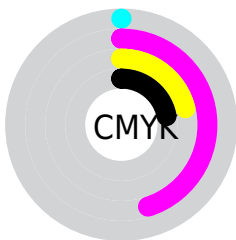
Blue (62%)



Red (78%)

Yellow (43%)

Blue (62%)

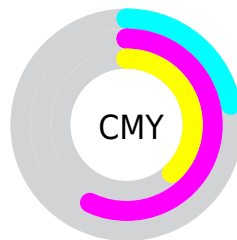


Cyan (0%)

Magenta (45%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (57%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8998, 0.3669, 0.2672 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 25.8998, 0.3669, 0.2672 by changing the saturation by 10% instead.


 25.8998, 0.3669,
0.2672


 25.8998, 0.3669,
0.2672

282.2899, 0.3380,
0.2995


 16.7487, 0.3748,
0.2587


 53.1133, 0.3559,
0.2793

 10.0555, 0.3853,
0.2474


 71.9444, 0.3520,
0.2837

 5.4358, 0.4000,
0.2320


 94.7710, 0.3486,
0.2874

 2.5051, 0.4220,
0.2096

 121.9775, 0.3459,
0.2906

 0.8792, 0.4583,
0.1746

153.9482, 0.3435,
0.2933

 0.0000, 0.6346,
0.0000

191.0676, 0.3414,

 0.0000, 0.0000,

0.2957

0.0000

233.7200, 0.3396,
0.2977

■ 25.8998, 0.3669,
0.2672

■ 25.8998, 0.3669,
0.2672

■ 21.7516, 0.3850,
0.2548

■ 31.0487, 0.3511,
0.2809

■ 18.5336, 0.4053,
0.2447

■ 37.2552, 0.3377,
0.2951

■ 16.1718, 0.4271,
0.2383


■ 44.5764, 0.3263,
0.3091


■ 14.5791, 0.4497,
0.2366

■ 53.0642, 0.3168,
0.3226

■ 13.6499, 0.4719,
0.2403

■ 62.7672, 0.3090,
0.3352

 13.3317, 0.4829,
0.2434

 73.7310, 0.3024,
0.3471

 85.9992, 0.2971,
0.3579

 89.6624, 0.2921,
0.3528

 90.2092, 0.2872,
0.3427

Harmonies

Analogous

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



25.8998, 0.2925, 0.2331



25.8998, 0.3669, 0.2672



25.8998, 0.4305, 0.3148

Triad

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



25.8998, 0.3669, 0.2672



25.8998, 0.3874, 0.4575



25.8998, 0.1868, 0.2632

Complementary

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



25.8998, 0.3669, 0.2672



46.8869, 0.2807, 0.4019

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.



25.8998, 0.2057, 0.3273



25.8998, 0.3669, 0.2672



25.8998, 0.3190, 0.4560

Square

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



25.8998, 0.3669, 0.2672



25.8998, 0.4392, 0.4207



25.8998, 0.2525, 0.4041



25.8998, 0.1960, 0.2272

Rectangle

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



25.8998, 0.3669, 0.2672



25.8998, 0.4533, 0.3504



25.8998, 0.2525, 0.4041



25.8998, 0.1899, 0.2817

Sweetspot

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



25.9010, 0.3669, 0.2672



79.6860, 0.3245, 0.3116



22.0002, 0.2673, 0.2031



16.3942, 0.3268, 0.3085



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.



25.9010, 0.3669, 0.2672



37.8019, 0.3846, 0.2550



24.6254, 0.4278, 0.3254



10.7299, 0.3208, 0.3167



8.4961, 0.4801, 0.2418



0.4168, 0.4381, 0.2187

Inverse Universe

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



25.9010, 0.3669, 0.2672



37.8019, 0.3846, 0.2550



48.6502, 0.2544, 0.3331



10.7299, 0.3208, 0.3167



8.4961, 0.4801, 0.2418



0.4168, 0.4381, 0.2187

Previews

White Background



This preview shows how the Yxy color 25.8998, 0.3669, 0.2672 looks on a white background.

Color Contrast Check

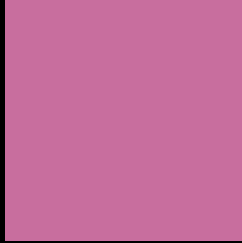
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8998, 0.3669, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

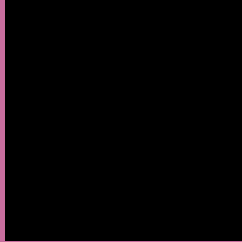
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8998, 0.3669, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 25.8998, 0.3669, 0.2672.



This preview shows how white text looks on a background with the Yxy color 25.8998, 0.3669, 0.2672.

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

25.8998, 0.3669, 0.2672

Protanopia

26.0971, 0.2688, 0.2675

Deuteranopia

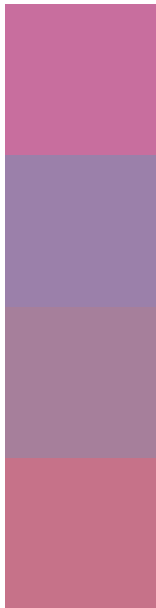
26.1445, 0.3065, 0.3004



Tritanopia

25.8418, 0.4047, 0.3172

Trichromacy



Original Color

25.8998, 0.3669, 0.2672

Protanomaly

25.3092, 0.2992, 0.2658

Deuteranomaly

25.6523, 0.3273, 0.2872

Tritanomaly

25.8465, 0.3908, 0.2987

Monochromacy



Original Color

25.8998, 0.3669, 0.2672

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.8899, 0.3312, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8998, 0.3669, 0.2672 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(200, 110, 158)` looks like.

```
.text, #text, p{  
    color:rgb(200, 110, 158)  
}
```

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(200, 110, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 110, 158) }
```

Border

The CSS property to change the border of an element to Yxy 25.8998, 0.3669, 0.2672 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(200, 110, 158) }
```

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

```
.border{ border-color:rgb(200, 110, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 110, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 110, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 110, 158);  
box-shadow:4px 4px 4px 4px rgb(200, 110,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8998, 0.3669, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 110, 158) }
```

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

```
.background{ background-color: rgb(200,  
110, 158) }
```

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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