

Converting Colors

$Y_{xy}(24.1457, 0.3694, 0.2713)$

Have a look what the booklet for
Yxy(24.1457, 0.3694, 0.2713)
contains.

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Color

Yxy(24.0549, 0.3698, 0.2716)

Conversions

Conversions Part 1

Format	Color
Hex	C16B96
RGB	193, 107, 150
RGB Percent	76%, 42%, 59%
CMY	0.2432, 0.5803, 0.4119
CMYK	0.00, 0.45, 0.22, 0.24
HSL	330°, 41%, 59%
HSV	330°, 45%, 76%
XYZ	32.7522, 24.0549, 31.7603
YIQ	137.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

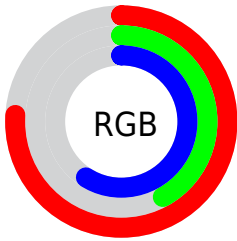
Format	Color
R _Y B	193, 107, 150
Decimal	12675990
CIE Lab	56.14, 39.58, -8.26
CIE LCh	56, 40.432, 348.219
Yxy	24.0549, 0.3698, 0.2716
Android (android.graphics.Color)	4290866070 (0xFFC16B96)
YUV	137.6160, 6.1053, 48.5718
Hunter-Lab	49.0458, 33.3701, -4.0620

Details

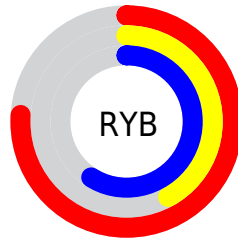
The Yxy color **24.0549, 0.3698, 0.2716** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.4670, 0.2792, 0.3961**, and the grayscale version is **25.2284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0105, 0.3580, 0.2830**, and **9.0476, 0.3901, 0.2524** is the 20% darker color. If you saturate the color by 10%, you get **20.1721, 0.3892, 0.2599**, and if you desaturate by 10%, it is **28.8637, 0.3530, 0.2845**.

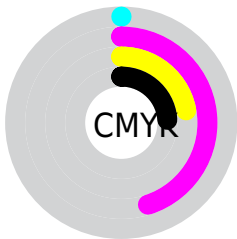
Distribution



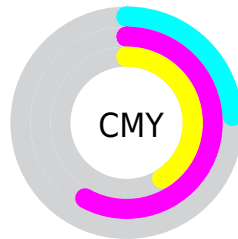
- Red (76%)
- Green (42%)
- Blue (59%)



- Red (76%)
- Yellow (42%)
- Blue (59%)



- Cyan (0%)
- Magenta (45%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (58%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0549, 0.3698, 0.2716 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 24.0549, 0.3698, 0.2716 by changing the saturation by 10% instead.


 24.0549, 0.3698,
0.2716


 24.0549, 0.3698,
0.2716


273.0979, 0.3388,
0.3022


 15.3744, 0.3784,
0.2633


 50.1198, 0.3579,
0.2832

 9.0825, 0.3901,
0.2523


 68.2729, 0.3536,
0.2874

 4.7951, 0.4068,
0.2369


 90.3523, 0.3501,
0.2909

 2.1275, 0.4324,
0.2141

 116.7424, 0.3471,
0.2938

 0.6800, 0.4782,
0.1737

147.8277, 0.3446,
0.2964

 0.0000, 0.8332,
0.0000

183.9924, 0.3424,

 0.0000, 0.0000,

0.2986

0.0000

225.6210, 0.3405,
0.3005

■ 24.0549, 0.3698,
0.2716

■ 24.0549, 0.3698,
0.2716

■ 20.1721, 0.3892,
0.2599

■ 28.8637, 0.3530,
0.2845

■ 17.1508, 0.4111,
0.2504

■ 34.6504, 0.3387,
0.2978

■ 14.9236, 0.4349,
0.2445


■ 41.4674, 0.3267,
0.3110

■ 13.4114, 0.4595,
0.2432

■ 49.3621, 0.3167,
0.3235


■ 12.5183, 0.4837,
0.2473

■ 58.3790, 0.3084,
0.3353

 12.1892, 0.4967,
0.2510

 68.5602, 0.3016,
0.3463

 79.9453, 0.2959,
0.3564

 88.4151, 0.2910,
0.3591

 88.9641, 0.2860,
0.3484

Harmonies

Analogous

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



24.0549, 0.2976, 0.2372



24.0549, 0.3698, 0.2716



24.0549, 0.4296, 0.3187

Triad

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



24.0549, 0.3698, 0.2716



24.0549, 0.3817, 0.4548



24.0549, 0.1900, 0.2623

Complementary

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



24.0549, 0.3698, 0.2716



43.4670, 0.2792, 0.3961

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.



24.0549, 0.2067, 0.3230



24.0549, 0.3698, 0.2716



24.0549, 0.3148, 0.4497

Square

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



24.0549, 0.3698, 0.2716



24.0549, 0.4332, 0.4214



24.0549, 0.2509, 0.3972



24.0549, 0.2006, 0.2288

Rectangle

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



24.0549, 0.3698, 0.2716



24.0549, 0.4500, 0.3536



24.0549, 0.2509, 0.3972



24.0549, 0.1924, 0.2798

Sweetspot

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



24.0561, 0.3698, 0.2716



76.0646, 0.3252, 0.3127



20.8525, 0.2710, 0.2058



15.6874, 0.3276, 0.3098



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.0561, 0.3698, 0.2716



36.5792, 0.3878, 0.2607



22.9167, 0.4298, 0.3293



10.1600, 0.3213, 0.3176



8.1240, 0.4938, 0.2494



0.3649, 0.4452, 0.2226

Inverse Universe

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



24.0561, 0.3698, 0.2716



36.5792, 0.3878, 0.2607



45.1139, 0.2533, 0.3288



10.1600, 0.3213, 0.3176



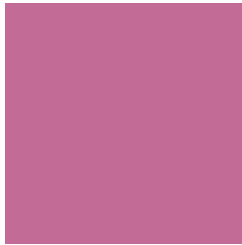
8.1240, 0.4938, 0.2494



0.3649, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 24.0549, 0.3698, 0.2716 looks on a white background.

Color Contrast Check

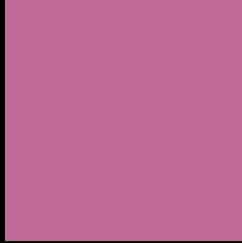
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0549, 0.3698, 0.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

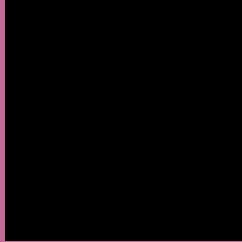
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0549, 0.3698, 0.2716

Background



This preview shows how black text looks on a background with the Yxy color 24.0549, 0.3698, 0.2716.



This preview shows how white text looks on a background with the Yxy color 24.0549, 0.3698, 0.2716.

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

24.0549, 0.3698, 0.2716

Protanopia

24.3894, 0.2729, 0.2734

Deuteranopia

24.1476, 0.3105, 0.3044



Tritanopia

24.1379, 0.4032, 0.3182

Trichromacy



Original Color

24.0549, 0.3698, 0.2716

Protanomaly

23.5678, 0.3040, 0.2714

Deuteranomaly

23.6027, 0.3313, 0.2904

Tritanomaly

24.1112, 0.3903, 0.3003

Monochromacy



Original Color

24.0549, 0.3698, 0.2716

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4008, 0.3327, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0549, 0.3698, 0.2716 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(193, 107, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 107, 150)  
}
```

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(193, 107, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 107, 150) }
```

Border

The CSS property to change the border of an element to Yxy 24.0549, 0.3698, 0.2716 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(193, 107, 150) }
```

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

```
.border{ border-color:rgb(193, 107, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 107, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 107, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 107, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 107,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0549, 0.3698, 0.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 107, 150) }
```

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

```
.background{ background-color: rgb(193,  
107, 150) }
```

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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