

Converting Colors

$Y_{xy}(24.1403, 0.3579, 0.2578)$

Have a look what the booklet for
Yxy(24.1403, 0.3579, 0.2578)
contains.

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Color

Yxy(24.1836, 0.3569, 0.2577)

Conversions

Conversions Part 1

Format	Color
Hex	C16AA0
RGB	193, 106, 160
RGB Percent	76%, 42%, 63%
CMY	0.2431, 0.5843, 0.3725
CMYK	0.00, 0.45, 0.17, 0.24
HSL	323°, 41%, 59%
HSV	323°, 45%, 76%
XYZ	33.4929, 24.1836, 36.1675
YIQ	138.1690, 34.5180, 35.2380

Conversions

Conversions Part 2

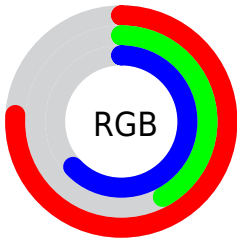
Format	Color
R_{YB}	193, 106, 160
Decimal	12675744
CIE _{Lab}	56.27, 41.65, -13.91
CIE _{LCh}	56, 43.909, 341.538
Yxy	24.1836, 0.3569, 0.2577
Android (android.graphics.Color)	4290865824 (0xFFC16AA0)
YUV	138.1690, 10.7627, 48.0868
Hunter-Lab	49.1768, 35.5118, -9.1815

Details

The Yxy color **24.1836, 0.3569, 0.2577** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.0689, 0.2856, 0.4145**, and the grayscale version is **25.4326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2118, 0.3479, 0.2711**, and **9.1335, 0.3717, 0.2359** is the 20% darker color. If you saturate the color by 10%, you get **20.3958, 0.3711, 0.2434**, and if you desaturate by 10%, it is **28.8839, 0.3443, 0.2734**.

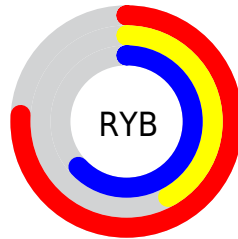
Distribution



Red (76%)

Green (42%)

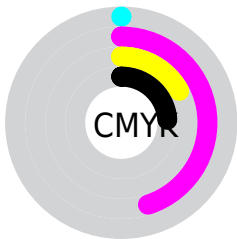
Blue (63%)



Red (76%)

Yellow (42%)

Blue (63%)

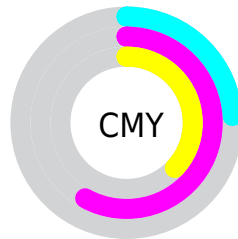


Cyan (0%)

Magenta (45%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1836, 0.3569, 0.2577 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 24.1836, 0.3569, 0.2577 by changing the saturation by 10% instead.


 24.1836, 0.3569,
0.2577


 24.1836, 0.3569,
0.2577


273.7474, 0.3335,
0.2950


 15.4699, 0.3632,
0.2479


 50.3296, 0.3481,
0.2716


 9.1498, 0.3715,
0.2350


 68.5307, 0.3449,
0.2767

 4.8390, 0.3831,
0.2173


 90.6631, 0.3422,
0.2810

 2.1531, 0.4001,
0.1919

 117.1111, 0.3399,
0.2847

 0.6943, 0.4288,
0.1501

148.2591, 0.3380,
0.2878

 0.0000, 0.5443,
0.0000

184.4916, 0.3363,

 0.0000, 0.0000,

0.2905

0.0000

226.1929, 0.3348,
0.2929

■ 24.1836, 0.3569,
0.2577

■ 24.1836, 0.3569,
0.2577

■ 20.3958, 0.3711,
0.2434

■ 28.8839, 0.3443,
0.2734

■ 17.4560, 0.3868,
0.2315

■ 34.5485, 0.3334,
0.2897

■ 15.2967, 0.4036,
0.2233

■ 41.2298, 0.3241,
0.3058


■ 13.8385, 0.4207,
0.2197

■ 48.9748, 0.3162,
0.3214

■ 12.9848, 0.4377,
0.2212


■ 57.8281, 0.3096,
0.3361

 12.6896, 0.4460,
0.2231

 67.8315, 0.3041,
0.3499

 79.0245, 0.2995,
0.3627

 87.9489, 0.2956,
0.3689

 88.3419, 0.2917,
0.3607

Harmonies

Analogous

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



24.1836, 0.2799, 0.2252



24.1836, 0.3569, 0.2577



24.1836, 0.4278, 0.3053

Triad

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



24.1836, 0.3569, 0.2577



24.1836, 0.4005, 0.4592



24.1836, 0.1826, 0.2685

Complementary

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



24.1836, 0.3569, 0.2577



43.0689, 0.2856, 0.4145

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.



24.1836, 0.2067, 0.3396



24.1836, 0.3569, 0.2577



24.1836, 0.3305, 0.4667

Square

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



24.1836, 0.3569, 0.2577



24.1836, 0.4506, 0.4158



24.1836, 0.2595, 0.4199



24.1836, 0.1877, 0.2265

Rectangle

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



24.1836, 0.3569, 0.2577



24.1836, 0.4564, 0.3417



24.1836, 0.2595, 0.4199



24.1836, 0.1873, 0.2893

Sweetspot

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



24.1847, 0.3569, 0.2577



74.9557, 0.3234, 0.3072



19.5536, 0.2584, 0.2001



15.4802, 0.3252, 0.3037



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.



24.1847, 0.3569, 0.2577



36.6678, 0.3708, 0.2437



22.9447, 0.4153, 0.3135



10.1807, 0.3194, 0.3148



8.4558, 0.4439, 0.2219



0.3784, 0.4096, 0.2030

Inverse Universe

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



24.1847, 0.3569, 0.2577



36.6678, 0.3708, 0.2437



44.5579, 0.2594, 0.3461



10.1807, 0.3194, 0.3148



8.4558, 0.4439, 0.2219



0.3784, 0.4096, 0.2030

Previews

White Background



This preview shows how the Yxy color 24.1836, 0.3569, 0.2577 looks on a white background.

Color Contrast Check

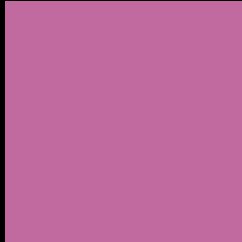
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1836, 0.3569, 0.2577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

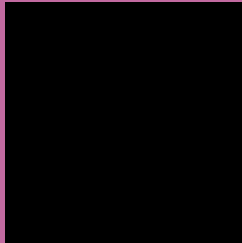
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1836, 0.3569, 0.2577

Background



This preview shows how black text looks on a background with the Yxy color 24.1836, 0.3569, 0.2577.



This preview shows how white text looks on a background with the Yxy color 24.1836, 0.3569, 0.2577.

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

24.1836, 0.3569, 0.2577

Protanopia

24.5158, 0.2602, 0.2569

Deuteranopia

24.3918, 0.2959, 0.2899



Tritanopia

24.2586, 0.4002, 0.3181

Trichromacy



Original Color

24.1836, 0.3569, 0.2577

Protanomaly

23.6898, 0.2897, 0.2554

Deuteranomaly

23.9712, 0.3175, 0.2771

Tritanomaly

24.0936, 0.3837, 0.2947

Monochromacy



Original Color

24.1836, 0.3569, 0.2577

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.2661, 0.3283, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1836, 0.3569, 0.2577 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, 106, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 106, 160)  
}
```

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, 106, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 106, 160) }
```

Border

The CSS property to change the border of an element to Yxy 24.1836, 0.3569, 0.2577 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, 106, 160) }
```

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

```
.border{ border-color:rgb(193, 106, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 106, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 106, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 106, 160);  
box-shadow:4px 4px 4px 4px rgb(193, 106,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1836, 0.3569, 0.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 106, 160) }
```

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

```
.background{ background-color: rgb(193,  
106, 160) }
```

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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