

Converting Colors

$Y_{xy}(24.3859, 0.3800, 0.2645)$

Have a look what the booklet for
Yxy(24.3859, 0.3800, 0.2645)
contains.

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Color

Yxy(24.4663, 0.3806, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	CB6698
RGB	203, 102, 152
RGB Percent	80%, 40%, 60%
CMY	0.2039, 0.6000, 0.4040
CMYK	0.00, 0.50, 0.25, 0.20
HSL	330°, 49%, 60%
HSV	330°, 50%, 80%
XYZ	35.0466, 24.4663, 32.5696
YIQ	137.8990, 44.1460, 36.9620

Conversions

Conversions Part 2

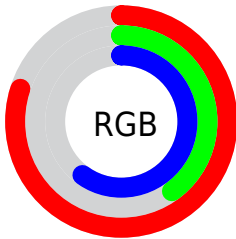
Format	Color
R _Y B	203, 102, 152
Decimal	13330072
CIE Lab	56.55, 45.82, -8.67
CIE LCh	57, 46.631, 349.288
Yxy	24.4663, 0.3806, 0.2657
Android (android.graphics.Color)	4291520152 (0xFFCB6698)
YUV	137.8990, 6.9518, 57.0936
Hunter-Lab	49.4634, 39.9125, -4.4155

Details

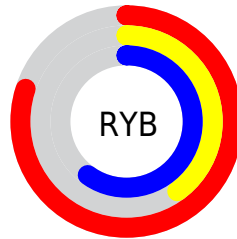
The Yxy color **24.4663, 0.3806, 0.2657** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.8404, 0.2760, 0.4051**, and the grayscale version is **25.3362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4932, 0.3604, 0.2776**, and **9.2472, 0.4044, 0.2444** is the 20% darker color. If you saturate the color by 10%, you get **20.6321, 0.4017, 0.2551**, and if you desaturate by 10%, it is **29.3088, 0.3621, 0.2780**.

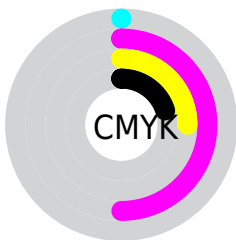
Distribution



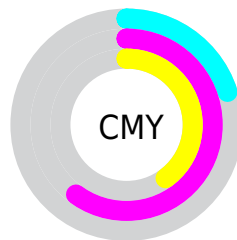
- Red (80%)
- Green (40%)
- Blue (60%)



- Red (80%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (20%)




- Cyan (20%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4663, 0.3806, 0.2657 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 24.4663, 0.3806, 0.2657 by changing the saturation by 10% instead.


 24.4663, 0.3806,
0.2657


 24.4663, 0.3806,
0.2657


275.1695, 0.3439,
0.2992

 15.6799, 0.3908,
0.2567


 50.7901, 0.3665,
0.2783


 9.2979, 0.4045,
0.2449


 69.0962, 0.3615,
0.2829

 4.9360, 0.4239,
0.2284


 91.3444, 0.3573,
0.2868

 2.2098, 0.4534,
0.2043

 117.9190, 0.3538,
0.2900

 0.7253, 0.5041,
0.1644

149.2044, 0.3508,
0.2928

 0.0000, 0.7988,
0.0000

185.5850, 0.3481,

 0.0000, 0.0000,

0.2952

0.0000

227.4453, 0.3459,
0.2973

■ 24.4663, 0.3806,
0.2657

■ 24.4663, 0.3806,
0.2657

■ 20.6321, 0.4017,
0.2551

■ 29.3088, 0.3621,
0.2780

■ 17.7294, 0.4251,
0.2475

■ 35.2220, 0.3462,
0.2911

■ 15.6758, 0.4498,
0.2441


■ 42.2675, 0.3329,
0.3043


■ 14.3728, 0.4748,
0.2458

■ 50.5009, 0.3217,
0.3171


■ 13.6416, 0.4989,
0.2524

■ 59.9744, 0.3125,
0.3293

 13.6256, 0.4995,
0.2525

 70.7369, 0.3049,
0.3406

 82.8347, 0.2986,
0.3511

 90.1595, 0.2931,
0.3512

 90.7663, 0.2877,
0.3402

Harmonies

Analogous

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



24.4663, 0.2977, 0.2271



24.4663, 0.3806, 0.2657



24.4663, 0.4486, 0.3180

Triad

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



24.4663, 0.3806, 0.2657



24.4663, 0.3865, 0.4732



24.4663, 0.1750, 0.2502

Complementary

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



24.4663, 0.3806, 0.2657



47.8404, 0.2760, 0.4051

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.



24.4663, 0.1917, 0.3179



24.4663, 0.3806, 0.2657



24.4663, 0.3106, 0.4683

Square

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



24.4663, 0.3806, 0.2657



24.4663, 0.4469, 0.4331



24.4663, 0.2394, 0.4051



24.4663, 0.1878, 0.2150

Rectangle

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



24.4663, 0.3806, 0.2657



24.4663, 0.4703, 0.3566



24.4663, 0.2394, 0.4051



24.4663, 0.1771, 0.2692

Sweetspot

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



24.4675, 0.3806, 0.2657



76.7941, 0.3276, 0.3102



20.5406, 0.2644, 0.1901



15.8210, 0.3300, 0.3075



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.



24.4675, 0.3806, 0.2657



33.9648, 0.4041, 0.2542



23.1608, 0.4520, 0.3294



11.3047, 0.3214, 0.3176



8.6892, 0.4964, 0.2508



0.4636, 0.4531, 0.2270

Inverse Universe

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



24.4675, 0.3806, 0.2657



33.9648, 0.4041, 0.2542



49.8512, 0.2481, 0.3288



11.3047, 0.3214, 0.3176



8.6892, 0.4964, 0.2508



0.4636, 0.4531, 0.2270

Previews

White Background



This preview shows how the Yxy color 24.4663, 0.3806, 0.2657 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 24.4663, 0.3806, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

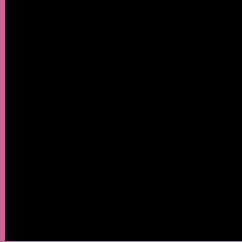
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4663, 0.3806, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 24.4663, 0.3806, 0.2657.



This preview shows how white text looks on a background with the Yxy color 24.4663, 0.3806, 0.2657.

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

24.4663, 0.3806, 0.2657

Protanopia

24.8196, 0.2671, 0.2662

Deuteranopia

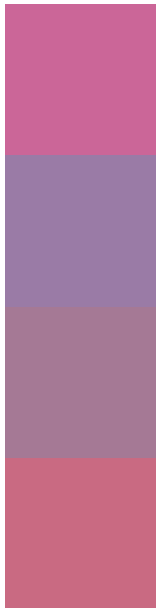
24.5384, 0.3105, 0.3045



Tritanopia

24.5010, 0.4229, 0.3188

Trichromacy



Original Color

24.4663, 0.3806, 0.2657

Protanomaly

23.7891, 0.3022, 0.2634

Deuteranomaly

23.8440, 0.3339, 0.2866

Tritanomaly

24.3373, 0.4074, 0.2980

Monochromacy



Original Color

24.4663, 0.3806, 0.2657

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.3318, 0.3366, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4663, 0.3806, 0.2657 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(203, 102, 152)` looks like.

```
.text, #text, p{  
    color:rgb(203, 102, 152)  
}
```

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(203, 102, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 102, 152) }
```

Border

The CSS property to change the border of an element to Yxy 24.4663, 0.3806, 0.2657 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(203, 102, 152) }
```

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

```
.border{ border-color:rgb(203, 102, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 102, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 102, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 102, 152);  
box-shadow:4px 4px 4px 4px rgb(203, 102,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4663, 0.3806, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 102, 152) }
```

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

```
.background{ background-color: rgb(203,  
102, 152) }
```

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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