

Converting Colors

$Y_{xy}(24.7677, 0.3736, 0.2519)$

Have a look what the booklet for
Yxy(24.7677, 0.3736, 0.2519)
contains.

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Color

Yxy(24.7977, 0.3726, 0.2516)

Conversions

Conversions Part 1

Format	Color
Hex	CF63A2
RGB	207, 99, 162
RGB Percent	81%, 39%, 64%
CMY	0.1881, 0.6119, 0.3647
CMYK	0.00, 0.52, 0.22, 0.19
HSL	325°, 53%, 60%
HSV	325°, 52%, 81%
XYZ	36.7235, 24.7977, 37.0389
YIQ	138.4740, 44.1450, 42.4890

Conversions

Conversions Part 2

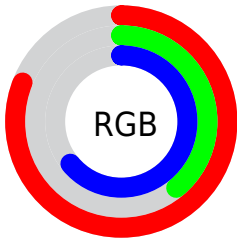
Format	Color
R_{YB}	207, 99, 162
Decimal	13591458
CIE _{Lab}	56.88, 50.04, -13.96
CIE _{LCh}	57, 51.954, 344.410
Yxy	24.7977, 0.3726, 0.2516
Android (android.graphics.Color)	4291781538 (0xFFCF63A2)
YUV	138.4740, 11.5983, 60.0973
Hunter-Lab	49.7973, 44.4912, -9.2414

Details

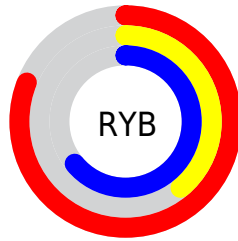
The Yxy color **24.7977, 0.3726, 0.2516** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **49.3074, 0.2802, 0.4251**, and the grayscale version is **25.5472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0522, 0.3505, 0.2639**, and **9.4866, 0.3931, 0.2284** is the 20% darker color. If you saturate the color by 10%, you get **21.0709, 0.3898, 0.2397**, and if you desaturate by 10%, it is **29.5533, 0.3572, 0.2657**.

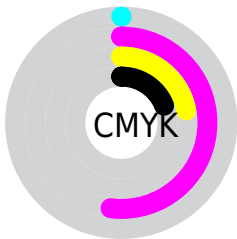
Distribution



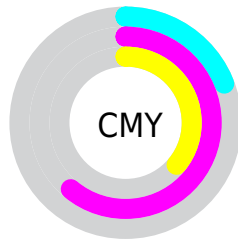
- Red (81%)
- Green (39%)
- Blue (64%)



- Red (81%)
- Yellow (39%)
- Blue (64%)



- Cyan (0%)
- Magenta (52%)
- Yellow (22%)
- Black (19%)




- Cyan (19%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7977, 0.3726, 0.2516 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 24.7977, 0.3726, 0.2516 by changing the saturation by 10% instead.


 24.7977, 0.3726,
0.2516


 24.7977, 0.3726,
0.2516


276.8290, 0.3409,
0.2917


 15.9264, 0.3811,
0.2412


 51.3288, 0.3606,
0.2665


 9.4721, 0.3924,
0.2276


 69.7575, 0.3563,
0.2720

 5.0504, 0.4080,
0.2092


 92.1407, 0.3526,
0.2766

 2.2768, 0.4311,
0.1831

 118.8628, 0.3496,
0.2805

 0.7614, 0.4684,
0.1428

150.3083, 0.3469,
0.2839

 0.0000, 0.5985,
0.0000

186.8616, 0.3446,

 0.0000, 0.0000,

0.2868

0.0000

228.9070, 0.3426,
0.2894

■ 24.7977, 0.3726,
0.2516

■ 24.7977, 0.3726,
0.2516

■ 21.0709, 0.3898,
0.2397

■ 29.5533, 0.3572,
0.2657

■ 18.2903, 0.4085,
0.2311

■ 35.4045, 0.3437,
0.2808

■ 16.3667, 0.4279,
0.2270

■ 42.4170, 0.3322,
0.2962

■ 15.1914, 0.4474,
0.2281

■ 50.6501, 0.3225,
0.3114

■ 14.6453, 0.4622,
0.2320

■ 60.1588, 0.3143,
0.3259

■ 70.9951, 0.3075,
0.3396

■ 83.2079, 0.3019,
0.3523

■ 90.5611, 0.2971,
0.3543

■ 91.0607, 0.2924,
0.3450

Harmonies

Analogous

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



24.7977, 0.2817, 0.2134



24.7977, 0.3726, 0.2516



24.7977, 0.4539, 0.3058

Triad

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



24.7977, 0.3726, 0.2516



24.7977, 0.4043, 0.4825



24.7977, 0.1635, 0.2509

Complementary

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



24.7977, 0.3726, 0.2516



49.3074, 0.2802, 0.4251

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.



24.7977, 0.1862, 0.3307



24.7977, 0.3726, 0.2516



24.7977, 0.3224, 0.4907

Square

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



24.7977, 0.3726, 0.2516



24.7977, 0.4667, 0.4310



24.7977, 0.2424, 0.4293



24.7977, 0.1726, 0.2081

Rectangle

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



24.7977, 0.3726, 0.2516



24.7977, 0.4835, 0.3466



24.7977, 0.2424, 0.4293



24.7977, 0.1674, 0.2735

Sweetspot

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



24.7989, 0.3726, 0.2516



75.6275, 0.3262, 0.3054



19.1947, 0.2505, 0.1786



15.5998, 0.3282, 0.3022



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.



24.7989, 0.3726, 0.2516



32.9614, 0.3927, 0.2381



23.3109, 0.4474, 0.3160



11.9223, 0.3201, 0.3155



9.2430, 0.4597, 0.2306



0.5324, 0.4275, 0.2128

Inverse Universe

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



24.7989, 0.3726, 0.2516



32.9614, 0.3927, 0.2381



51.2897, 0.2513, 0.3442



11.9223, 0.3201, 0.3155



9.2430, 0.4597, 0.2306



0.5324, 0.4275, 0.2128

Previews

White Background



This preview shows how the Yxy color 24.7977, 0.3726, 0.2516 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 24.7977, 0.3726, 0.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

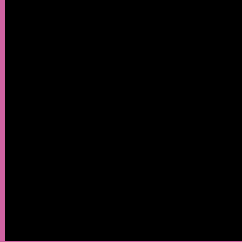
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7977, 0.3726, 0.2516

Background



This preview shows how black text looks on a background with the Yxy color 24.7977, 0.3726, 0.2516.



This preview shows how white text looks on a background with the Yxy color 24.7977, 0.3726, 0.2516.

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

24.7977, 0.3726, 0.2516

Protanopia

25.0964, 0.2528, 0.2462

Deuteranopia

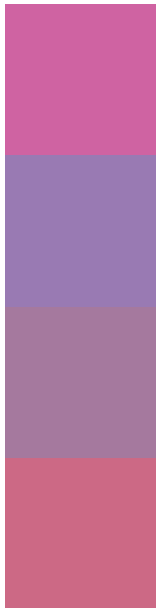
24.8381, 0.2981, 0.2918



Tritanopia

24.9181, 0.4264, 0.3190

Trichromacy



Original Color

24.7977, 0.3726, 0.2516

Protanomaly

23.9460, 0.2882, 0.2444

Deuteranomaly

24.1427, 0.3235, 0.2738

Tritanomaly

24.6340, 0.4072, 0.2934

Monochromacy



Original Color

24.7977, 0.3726, 0.2516

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.3084, 0.3334, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7977, 0.3726, 0.2516 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(207, 99, 162)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 162)  
}
```

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(207, 99, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 162) }
```

Border

The CSS property to change the border of an element to Yxy 24.7977, 0.3726, 0.2516 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(207, 99, 162) }
```

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

```
.border{ border-color:rgb(207, 99, 162) }
```

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

Here you see how a box with a 4 pixel rgb(207, 99, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7977, 0.3726, 0.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 162) }
```

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

```
.background{ background-color: rgb(207, 99,  
162) }
```

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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