

Converting Colors

$Y_{xy}(24.0367, 0.3514, 0.2750)$

Have a look what the booklet for
Yxy(24.0367, 0.3514, 0.2750)
contains.

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Color

Yxy(24.1254, 0.3509, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	B57298
RGB	181, 114, 152
RGB Percent	71%, 45%, 60%
CMY	0.2902, 0.5529, 0.4040
CMYK	0.00, 0.37, 0.16, 0.29
HSL	326°, 31%, 58%
HSV	326°, 37%, 71%
XYZ	30.7393, 24.1254, 32.7366
YIQ	138.3650, 27.7340, 26.0220

Conversions

Conversions Part 2

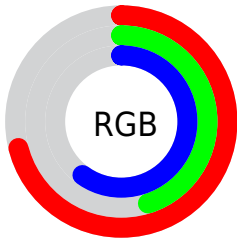
Format	Color
RYB	181, 114, 152
Decimal	11891352
CIELab	56.21, 31.94, -9.48
CIElCh	56, 33.320, 343.472
Yxy	24.1254, 0.3509, 0.2754
Android (android.graphics.Color)	4290081432 (0xFFB57298)
YUV	138.3650, 6.7221, 37.3909
Hunter-Lab	49.1176, 25.7549, -5.1341

Details

The Yxy color **24.1254, 0.3509, 0.2754** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.6080, 0.2872, 0.3901**, and the grayscale version is **25.5288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2708, 0.3433, 0.2866**, and **9.1184, 0.3649, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **20.1907, 0.3657, 0.2611**, and if you desaturate by 10%, it is **28.8872, 0.3381, 0.2903**.

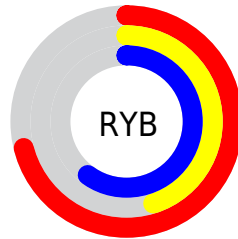
Distribution



Red (71%)

Green (45%)

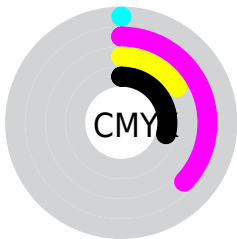
Blue (60%)



Red (71%)

Yellow (45%)

Blue (60%)

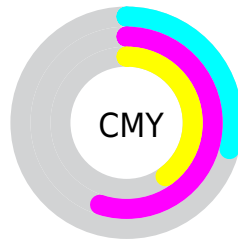


Cyan (0%)

Magenta (37%)

Yellow (16%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1254, 0.3509, 0.2754 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 24.1254, 0.3509, 0.2754 by changing the saturation by 10% instead.


 24.1254, 0.3509,
0.2754


 24.1254, 0.3509,
0.2754


273.4538, 0.3303,
0.3039


 15.4267, 0.3566,
0.2677


 50.2348, 0.3430,
0.2862

 9.1194, 0.3643,
0.2574


 68.4142, 0.3402,
0.2901

 4.8191, 0.3751,
0.2429


 90.5226, 0.3378,
0.2934

 2.1415, 0.3917,
0.2214

 116.9445, 0.3359,
0.2962

 0.6878, 0.4216,
0.1832

148.0641, 0.3342,
0.2985

 0.0000, 0.6490,
0.0000

184.2660, 0.3327,

 0.0000, 0.0000,

0.3006

0.0000

225.9344, 0.3314,
0.3024

■ 24.1254, 0.3509,
0.2754

■ 24.1254, 0.3509,
0.2754

■ 20.1907, 0.3657,
0.2611

■ 28.8872, 0.3381,
0.2903

■ 17.0315, 0.3825,
0.2484

■ 34.5171, 0.3273,
0.3051

■ 14.5957, 0.4011,
0.2382


■ 41.0572, 0.3182,
0.3194


■ 12.8233, 0.4210,
0.2317


■ 48.5461, 0.3106,
0.3330

■ 11.6443, 0.4414,
0.2300

■ 57.0199, 0.3043,
0.3456

 10.9599, 0.4614,
0.2334

 66.5130, 0.2990,
0.3574

 10.7949, 0.4674,
0.2349

 77.0580, 0.2947,
0.3682

 86.2338, 0.2909,
0.3742

 86.6457, 0.2868,
0.3651

Harmonies

Analogous

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



24.1254, 0.2918, 0.2481



24.1254, 0.3509, 0.2754



24.1254, 0.4027, 0.3148

Triad

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



24.1254, 0.3509, 0.2754



24.1254, 0.3795, 0.4307



24.1254, 0.2099, 0.2814

Complementary

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



24.1254, 0.3509, 0.2754



38.6080, 0.2872, 0.3901

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.



24.1254, 0.2287, 0.3346



24.1254, 0.3509, 0.2754



24.1254, 0.3249, 0.4301

Square

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



24.1254, 0.3509, 0.2754



24.1254, 0.4181, 0.4020



24.1254, 0.2698, 0.3929



24.1254, 0.2151, 0.2484

Rectangle

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



24.1254, 0.3509, 0.2754



24.1254, 0.4232, 0.3445



24.1254, 0.2698, 0.3929



24.1254, 0.2134, 0.2973

Sweetspot

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



24.1265, 0.3509, 0.2754



68.4447, 0.3218, 0.3135



21.1164, 0.2740, 0.2269



14.4565, 0.3230, 0.3116



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



24.1265, 0.3509, 0.2754



37.6412, 0.3622, 0.2643



23.2061, 0.3935, 0.3211



8.5833, 0.3201, 0.3162



7.4562, 0.4651, 0.2336



0.2460, 0.4148, 0.2059

Inverse Universe

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



24.1265, 0.3509, 0.2754



37.6412, 0.3622, 0.2643



39.7358, 0.2653, 0.3374



8.5833, 0.3201, 0.3162



7.4562, 0.4651, 0.2336



0.2460, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 24.1254, 0.3509, 0.2754 looks on a white background.

Color Contrast Check

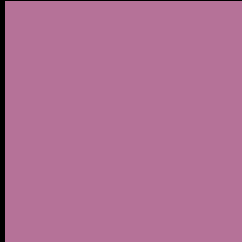
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1254, 0.3509, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

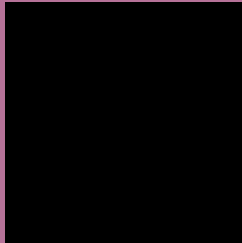
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1254, 0.3509, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 24.1254, 0.3509, 0.2754.



This preview shows how white text looks on a background with the Yxy color 24.1254, 0.3509, 0.2754.

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

24.1254, 0.3509, 0.2754

Protanopia

24.3560, 0.2765, 0.2780

Deuteranopia

24.1533, 0.3062, 0.2995



Tritanopia

24.2171, 0.3764, 0.3160

Trichromacy



Original Color

24.1254, 0.3509, 0.2754

Protanomaly

23.9199, 0.3006, 0.2769

Deuteranomaly

23.9372, 0.3216, 0.2899

Tritanomaly

24.1124, 0.3667, 0.3001

Monochromacy



Original Color

24.1254, 0.3509, 0.2754

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.5537, 0.3265, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1254, 0.3509, 0.2754 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(181, 114, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 114, 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(181, 114, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 114, 152) }
```

Border

The CSS property to change the border of an element to Yxy 24.1254, 0.3509, 0.2754 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(181, 114, 152) }
```

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

```
.border{ border-color:rgb(181, 114, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 114, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 114, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 114, 152); box-shadow:4px 4px 4px 4px rgb(181, 114, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1254, 0.3509, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 114, 152) }
```

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

```
.background{ background-color: rgb(181,  
114, 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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