

Converting Colors

$Y_{xy}(24.4759, 0.3755, 0.2058)$

Have a look what the booklet for
Yxy(24.4759, 0.3755, 0.2058)
contains.

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Color

Yxy(24.4608, 0.3752, 0.2054)

Conversions

Conversions Part 1

Format	Color
Hex	EA3DBC
RGB	234, 61, 188
RGB Percent	92%, 24%, 74%
CMY	0.0823, 0.7609, 0.2627
CMYK	0.00, 0.74, 0.20, 0.08
HSL	316°, 80%, 58%
HSV	316°, 74%, 92%
XYZ	44.6820, 24.4608, 49.9458
YIQ	127.2050, 62.3410, 76.1730

Conversions

Conversions Part 2

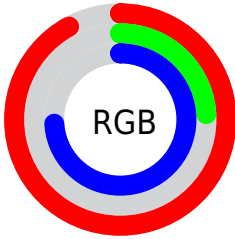
Format	Color
R_{YB}	234, 61, 188
Decimal	15351228
CIE _{Lab}	56.55, 76.08, -29.16
CIE _{LCh}	57, 81.477, 339.026
Yxy	24.4608, 0.3752, 0.2054
Android (android.graphics.Color)	4293541308 (0xFFEA3DBC)
YUV	127.2050, 29.9719, 93.6592
Hunter-Lab	49.4579, 74.7122, -25.2544

Details

The Yxy color **24.4608, 0.3752, 0.2054** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **60.9086, 0.2863, 0.5128**, and the grayscale version is **21.1745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2070, 0.3283, 0.2139**, and **10.7199, 0.3889, 0.1916** is the 20% darker color. If you saturate the color by 10%, you get **22.2233, 0.3863, 0.1995**, and if you desaturate by 10%, it is **27.8011, 0.3642, 0.2159**.

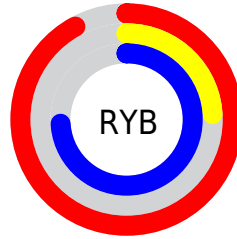
Distribution



Red (92%)

Green (24%)

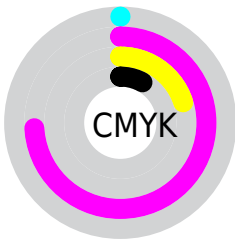
Blue (74%)



Red (92%)

Yellow (24%)

Blue (74%)

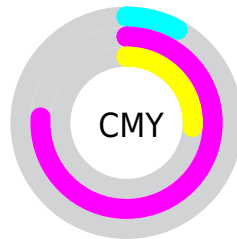


Cyan (0%)

Magenta (74%)

Yellow (20%)

Black (8%)



Cyan (8%)


Magenta (76%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4608, 0.3752, 0.2054 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 24.4608, 0.3752, 0.2054 by changing the saturation by 10% instead.


 24.4608, 0.3752,
0.2054


 24.4608, 0.3752,
0.2054


275.1419, 0.3444,
0.2659


 15.6758, 0.3826,
0.1910


 50.7811, 0.3642,
0.2270

 9.2950, 0.3920,
0.1730


 69.0852, 0.3600,
0.2352


 4.9341, 0.4039,
0.1501


 91.3312, 0.3564,
0.2422

 2.2087, 0.4197,
0.1204

 117.9033, 0.3533,
0.2483

 0.7247, 0.4411,
0.0808

 149.1860, 0.3506,
0.2535

 0.0000, 0.4845,
0.0000

185.5638, 0.3483,


 0.0000, 0.5141,


0.2582


0.0000


227.4210, 0.3462,
0.2623


 0.0000, 0.0000,
0.0000

 24.4608, 0.3752,
0.2054


 24.4608, 0.3752,
0.2054


 22.2233, 0.3863,
0.1995


 27.8011, 0.3642,
0.2159

 20.9315, 0.3971,
0.1984


 32.3666, 0.3537,
0.2301

 20.4658, 0.4035,
0.1996


 38.2675, 0.3440,
0.2469

 45.6005, 0.3351,
0.2654

 54.4534, 0.3273,
0.2845

 64.9071, 0.3206,
0.3035

 77.0364, 0.3148,
0.3220

 90.9116, 0.3098,
0.3395

 95.5477, 0.3061,
0.3399

Harmonies

Analogous

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



24.4608, 0.2411, 0.1608



24.4608, 0.3752, 0.2054



24.4608, 0.5138, 0.2719

Triad

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



24.4608, 0.3752, 0.2054



24.4608, 0.4442, 0.5297



24.4608, 0.1063, 0.2205

Complementary

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



24.4608, 0.3752, 0.2054



60.9086, 0.2863, 0.5128

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.



24.4608, 0.1367, 0.3512



24.4608, 0.3752, 0.2054



24.4608, 0.3292, 0.5930

Square

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



24.4608, 0.3752, 0.2054



24.4608, 0.5383, 0.4334



24.4608, 0.2164, 0.5255



24.4608, 0.1136, 0.1603

Rectangle

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



24.4608, 0.3752, 0.2054



24.4608, 0.5661, 0.3218



24.4608, 0.2164, 0.5255



24.4608, 0.1116, 0.2551

Sweetspot

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



24.4620, 0.3752, 0.2054



68.3570, 0.3260, 0.2880



12.2346, 0.1960, 0.1078



13.9427, 0.3280, 0.2828



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.



24.4620, 0.3752, 0.2054



26.0172, 0.3922, 0.1983



21.8354, 0.5061, 0.2899



15.2414, 0.3178, 0.3119



11.5207, 0.4019, 0.1987



0.9204, 0.3881, 0.1912

Inverse Universe

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



24.4620, 0.3752, 0.2054



26.0172, 0.3922, 0.1983



63.5981, 0.2489, 0.3887



15.2414, 0.3178, 0.3119



11.5207, 0.4019, 0.1987



0.9204, 0.3881, 0.1912

Previews

White Background



This preview shows how the Yxy color 24.4608, 0.3752, 0.2054 looks on a white background.

Color Contrast Check

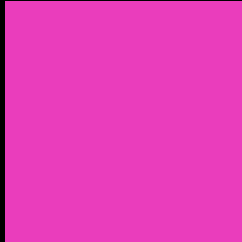
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4608, 0.3752, 0.2054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

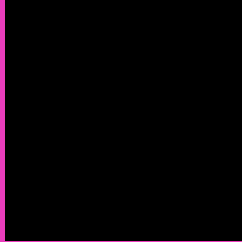
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4608, 0.3752, 0.2054

Background



This preview shows how black text looks on a background with the Yxy color 24.4608, 0.3752, 0.2054.



This preview shows how white text looks on a background with the Yxy color 24.4608, 0.3752, 0.2054.

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

24.4608, 0.3752, 0.2054

Protanopia

24.9057, 0.1968, 0.1733

Deuteranopia

24.7766, 0.2646, 0.2590



Tritanopia

24.3256, 0.4934, 0.3232

Trichromacy



Original Color

24.4608, 0.3752, 0.2054



Protanomaly

21.0627, 0.2346, 0.1700



Deuteranomaly

21.9998, 0.2991, 0.2236



Tritanomaly

23.8350, 0.4532, 0.2765

Monochromacy



Original Color

24.4608, 0.3752, 0.2054



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

19.9774, 0.3381, 0.2598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4608, 0.3752, 0.2054 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(234, 61, 188)` looks like.

```
.text, #text, p{  
    color:rgb(234, 61, 188)  
}
```

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(234, 61, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 61, 188) }
```

Border

The CSS property to change the border of an element to Yxy 24.4608, 0.3752, 0.2054 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(234, 61, 188) }
```

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

```
.border{ border-color:rgb(234, 61, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 61, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 61, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 61, 188);  
box-shadow:4px 4px 4px 4px rgb(234, 61,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4608, 0.3752, 0.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 61, 188) }
```

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

```
.background{ background-color: rgb(234, 61,  
188) }
```

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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