

Converting Colors

$Y_{xy}(25.1023, 0.3498, 0.1919)$

Have a look what the booklet for
Yxy(25.1023, 0.3498, 0.1919)
contains.

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Color

Yxy(25.1773, 0.3495, 0.1918)

Conversions

Conversions Part 1

Format	Color
Hex	E741CD
RGB	231, 65, 205
RGB Percent	91%, 25%, 80%
CMY	0.0939, 0.7454, 0.1960
CMYK	0.00, 0.72, 0.11, 0.09
HSL	309°, 78%, 58%
HSV	309°, 72%, 91%
XYZ	45.8783, 25.1773, 60.2129
YIQ	130.5940, 53.9960, 78.7320

Conversions

Conversions Part 2

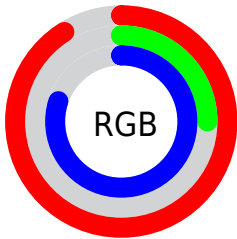
Format	Color
R _Y B	231, 65, 205
Decimal	15155661
CIE Lab	57.25, 76.49, -37.87
CIE LCh	57, 85.356, 333.660
Yxy	25.1773, 0.3495, 0.1918
Android (android.graphics.Color)	4293345741 (0xFFE741CD)
YUV	130.5940, 36.6822, 88.0561
Hunter-Lab	50.1770, 75.3982, -36.0247

Details

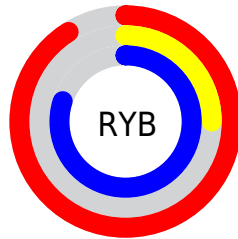
The Yxy color **25.1773, 0.3495, 0.1918** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **59.0553, 0.2934, 0.5307**, and the grayscale version is **22.3883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6587, 0.3184, 0.2079**, and **10.8599, 0.3543, 0.1726** is the 20% darker color. If you saturate the color by 10%, you get **22.8767, 0.3555, 0.1832**, and if you desaturate by 10%, it is **28.5681, 0.3434, 0.2047**.

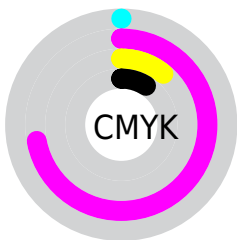
Distribution



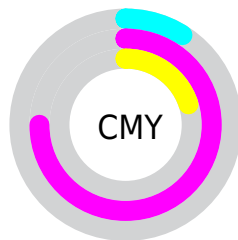
- Red (91%)
- Green (25%)
- Blue (80%)



- Red (91%)
- Yellow (25%)
- Blue (80%)



- Cyan (0%)
- Magenta (72%)
- Yellow (11%)
- Black (9%)




- Cyan (9%)
- Magenta (75%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1773, 0.3495, 0.1918 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 25.1773, 0.3495, 0.1918 by changing the saturation by 10% instead.


 25.1773, 0.3495,
0.1918


 25.1773, 0.3495,
0.1918


278.7198, 0.3334,
0.2574


 16.2092, 0.3527,
0.1767


 51.9447, 0.3442,
0.2147


 9.6723, 0.3564,
0.1582


 70.5128, 0.3421,
0.2236

 5.1822, 0.3603,
0.1351


 93.0497, 0.3402,
0.2313

 2.3546, 0.3642,
0.1062

 119.9398, 0.3385,
0.2379

 0.8024, 0.3665,
0.0701

 151.5674, 0.3370,
0.2437

 0.0000, 0.3731,
0.0000

188.3170, 0.3357,

 0.0000, 0.3197,

0.2488

0.0000

230.5730, 0.3345,
0.2533

■ 0.0000, 0.0000,
0.0000

■ 25.1773, 0.3495,
0.1918

■ 25.1773, 0.3495,
0.1918

■ 22.8767, 0.3555,
0.1832

■ 28.5681, 0.3434,
0.2047

■ 21.5206, 0.3612,
0.1793

■ 33.1633, 0.3374,
0.2212

■ 20.9304, 0.3657,
0.1788


■ 39.0669, 0.3316,
0.2403

■ 46.3706, 0.3263,
0.2611

■ 55.1579, 0.3214,
0.2827

 65.5057, 0.3171,
0.3042

 77.4855, 0.3134,
0.3251

 91.1647, 0.3101,
0.3451

 94.6668, 0.3079,
0.3465

Harmonies

Analogous

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



25.1773, 0.2190, 0.1515



25.1773, 0.3495, 0.1918



25.1773, 0.4990, 0.2564

Triad

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



25.1773, 0.3495, 0.1918



25.1773, 0.4651, 0.5156



25.1773, 0.1036, 0.2342

Complementary

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



25.1773, 0.3495, 0.1918



59.0553, 0.2934, 0.5307

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.



25.1773, 0.1420, 0.3837



25.1773, 0.3495, 0.1918



25.1773, 0.3486, 0.5970

Square

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



25.1773, 0.3495, 0.1918



25.1773, 0.5559, 0.4163



25.1773, 0.2314, 0.5596



25.1773, 0.1052, 0.1625

Rectangle

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



25.1773, 0.3495, 0.1918



25.1773, 0.5649, 0.3061



25.1773, 0.2314, 0.5596



25.1773, 0.1112, 0.2746

Sweetspot

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



25.1785, 0.3495, 0.1918



68.7276, 0.3215, 0.2822



11.7109, 0.1882, 0.1074



14.0311, 0.3228, 0.2763



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.



25.1785, 0.3495, 0.1918



27.7050, 0.3582, 0.1809



22.2015, 0.4707, 0.2719



14.5744, 0.3162, 0.3094



11.7435, 0.3648, 0.1783



0.8783, 0.3574, 0.1742

Inverse Universe

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



25.1785, 0.3495, 0.1918



27.7050, 0.3582, 0.1809



61.3143, 0.2572, 0.4117



14.5744, 0.3162, 0.3094



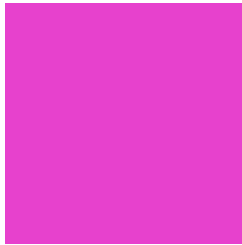
11.7435, 0.3648, 0.1783



0.8783, 0.3574, 0.1742

Previews

White Background



This preview shows how the Yxy color 25.1773, 0.3495, 0.1918 looks on a white background.

Color Contrast Check

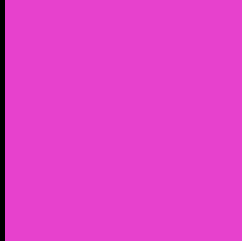
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1773, 0.3495, 0.1918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

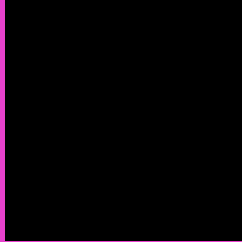
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1773, 0.3495, 0.1918

Background



This preview shows how black text looks on a background with the Yxy color 25.1773, 0.3495, 0.1918.



This preview shows how white text looks on a background with the Yxy color 25.1773, 0.3495, 0.1918.

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

25.1773, 0.3495, 0.1918

Protanopia

25.7661, 0.1923, 0.1681

Deuteranopia

25.3304, 0.2441, 0.2379



Tritanopia

25.1070, 0.4715, 0.3227

Trichromacy



Original Color

25.1773, 0.3495, 0.1918



Protanomaly

21.9572, 0.2242, 0.1627



Deuteranomaly

22.5445, 0.2743, 0.2062



Tritanomaly

24.5862, 0.4276, 0.2683

Monochromacy



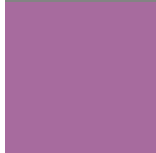
Original Color

25.1773, 0.3495, 0.1918



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.1995, 0.3275, 0.2537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1773, 0.3495, 0.1918 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(231, 65, 205)` looks like.

```
.text, #text, p{  
    color:rgb(231, 65, 205)  
}
```

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(231, 65, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 65, 205) }
```

Border

The CSS property to change the border of an element to Yxy 25.1773, 0.3495, 0.1918 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(231, 65, 205) }
```

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

```
.border{ border-color:rgb(231, 65, 205) }
```

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

Here you see how a box with a 4 pixel rgb(231, 65, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 65, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 65, 205);  
box-shadow:4px 4px 4px 4px rgb(231, 65,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1773, 0.3495, 0.1918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 65, 205) }
```

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

```
.background{ background-color: rgb(231, 65,  
205) }
```

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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