

Converting Colors

$Y_{xy}(25.2445, 0.3450, 0.1883)$

Have a look what the booklet for
Yxy(25.2445, 0.3450, 0.1883)
contains.

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Color

Yxy(25.2592, 0.3447, 0.1881)

Conversions

Conversions Part 1

Format	Color
Hex	E740D1
RGB	231, 64, 209
RGB Percent	91%, 25%, 82%
CMY	0.0942, 0.7488, 0.1805
CMYK	0.00, 0.72, 0.10, 0.09
HSL	308°, 78%, 58%
HSV	308°, 72%, 91%
XYZ	46.2884, 25.2592, 62.7384
YIQ	130.4630, 52.9870, 80.4990

Conversions

Conversions Part 2

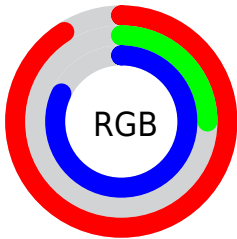
Format	Color
R _{YB}	231, 64, 209
Decimal	15155409
CIE _{Lab}	57.33, 77.32, -40.00
CIE _{LCh}	57, 87.051, 332.645
Y _{xy}	25.2592, 0.3447, 0.1881
Android (android.graphics.Color)	4293345489 (0xFFE740D1)
YUV	130.4630, 38.7187, 88.1709
Hunter-Lab	50.2585, 76.4471, -38.8316

Details

The Yxy color **25.2592, 0.3447, 0.1881** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **58.9038, 0.2949, 0.5367**, and the grayscale version is **22.3503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4017, 0.3184, 0.2070**, and **10.9910, 0.3475, 0.1688** is the 20% darker color. If you saturate the color by 10%, you get **23.0209, 0.3497, 0.1794**, and if you desaturate by 10%, it is **28.5810, 0.3396, 0.2011**.

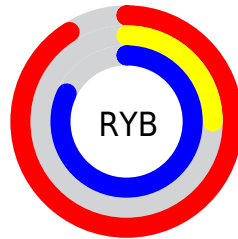
Distribution



Red (91%)

Green (25%)

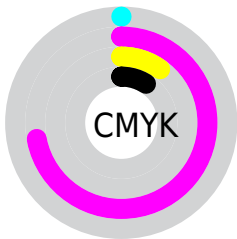
Blue (82%)



Red (91%)

Yellow (25%)

Blue (82%)

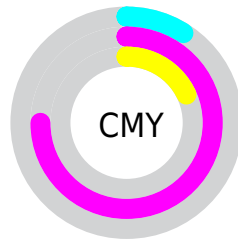


Cyan (0%)

Magenta (72%)

Yellow (10%)

Black (9%)



Cyan (9%)


Magenta (75%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2592, 0.3447, 0.1881 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 25.2592, 0.3447, 0.1881 by changing the saturation by 10% instead.


 25.2592, 0.3447,
0.1881


 25.2592, 0.3447,
0.1881


279.1263, 0.3314,
0.2550


 16.2703, 0.3471,
0.1728


 52.0774, 0.3405,
0.2114


 9.7156, 0.3497,
0.1542


 70.6755, 0.3387,
0.2205


 5.2108, 0.3522,
0.1311


 93.2454, 0.3372,
0.2283

 2.3715, 0.3540,
0.1023

 120.1715, 0.3357,
0.2350

 0.8112, 0.3531,
0.0670

 151.8383, 0.3345,
0.2410

 0.0000, 0.3537,
0.0000

188.6301, 0.3333,


 0.0000, 0.2985,


0.2462


0.0000


230.9313, 0.3323,
0.2509


 0.0000, 0.0000,
0.0000


 25.2592, 0.3447,
0.1881


 25.2592, 0.3447,
0.1881


 23.0209, 0.3497,
0.1794


 28.5810, 0.3396,
0.2011

 21.7194, 0.3544,
0.1752


 33.1011, 0.3344,
0.2178

 21.1799, 0.3578,
0.1745


 38.9239, 0.3295,
0.2373


 46.1414, 0.3249,
0.2585

 54.8372, 0.3206,
0.2806

 65.0884, 0.3168,
0.3027

 76.9667, 0.3134,
0.3242

 90.5393, 0.3105,
0.3448

 94.5832, 0.3085,
0.3478

Harmonies

Analogous

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



25.2592, 0.2139, 0.1485



25.2592, 0.3447, 0.1881



25.2592, 0.4978, 0.2526

Triad

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



25.2592, 0.3447, 0.1881



25.2592, 0.4697, 0.5135



25.2592, 0.1016, 0.2359

Complementary

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



25.2592, 0.3447, 0.1881



58.9038, 0.2949, 0.5367

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.



25.2592, 0.1415, 0.3909



25.2592, 0.3447, 0.1881



25.2592, 0.3518, 0.5997

Square

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



25.2592, 0.3447, 0.1881



25.2592, 0.5609, 0.4128



25.2592, 0.2331, 0.5690



25.2592, 0.1023, 0.1615

Rectangle

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



25.2592, 0.3447, 0.1881



25.2592, 0.5670, 0.3024



25.2592, 0.2331, 0.5690



25.2592, 0.1096, 0.2779

Sweetspot

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



25.2604, 0.3447, 0.1881



68.8136, 0.3205, 0.2809



11.3048, 0.1842, 0.1048



14.0516, 0.3217, 0.2749



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.



25.2604, 0.3447, 0.1881



27.8335, 0.3522, 0.1767



22.2181, 0.4628, 0.2658



14.5808, 0.3158, 0.3088



11.8897, 0.3572, 0.1741



0.8877, 0.3511, 0.1708

Inverse Universe

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



25.2604, 0.3447, 0.1881



27.8335, 0.3522, 0.1767



61.0206, 0.2597, 0.4207



14.5808, 0.3158, 0.3088



11.8897, 0.3572, 0.1741



0.8877, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 25.2592, 0.3447, 0.1881 looks on a white background.

Color Contrast Check

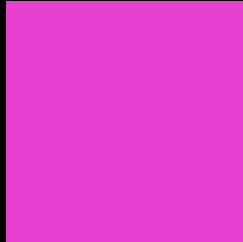
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2592, 0.3447, 0.1881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

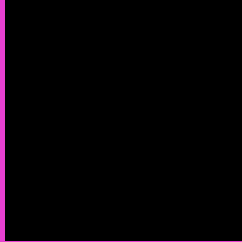
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2592, 0.3447, 0.1881

Background



This preview shows how black text looks on a background with the Yxy color 25.2592, 0.3447, 0.1881.



This preview shows how white text looks on a background with the Yxy color 25.2592, 0.3447, 0.1881.

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

25.2592, 0.3447, 0.1881

Protanopia

25.7661, 0.1923, 0.1681

Deuteranopia

25.5459, 0.2401, 0.2352



Tritanopia

24.9709, 0.4691, 0.3215

Trichromacy



Original Color

25.2592, 0.3447, 0.1881



Protanomaly

22.0159, 0.2237, 0.1619



Deuteranomaly

22.5842, 0.2706, 0.2028



Tritanomaly

24.4860, 0.4234, 0.2657

Monochromacy



Original Color

25.2592, 0.3447, 0.1881



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

21.0268, 0.3264, 0.2509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2592, 0.3447, 0.1881 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, 64, 209)` looks like.

```
.text, #text, p{  
    color:rgb(231, 64, 209)  
}
```

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, 64, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 64, 209) }
```

Border

The CSS property to change the border of an element to Yxy 25.2592, 0.3447, 0.1881 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, 64, 209) }
```

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

```
.border{ border-color:rgb(231, 64, 209) }
```

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

Here you see how a box with a 4 pixel rgb(231, 64, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 64, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 64, 209);  
box-shadow:4px 4px 4px 4px rgb(231, 64,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2592, 0.3447, 0.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 64, 209) }
```

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

```
.background{ background-color: rgb(231, 64,  
209) }
```

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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