

Converting Colors

$Y_{xy}(25.5047, 0.3254, 0.1597)$

Have a look what the booklet for
Yxy(25.5047, 0.3254, 0.1597)
contains.

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Color

Yxy(25.4685, 0.3250, 0.1595)

Conversions

Conversions Part 1

Format	Color
Hex	F118ED
RGB	241, 24, 237
RGB Percent	95%, 9%, 93%
CMY	0.0548, 0.9062, 0.0705
CMYK	0.00, 0.90, 0.02, 0.05
HSL	301°, 89%, 52%
HSV	301°, 90%, 95%
XYZ	51.8951, 25.4685, 82.3136
YIQ	113.1650, 60.9590, 112.2470

Conversions

Conversions Part 2

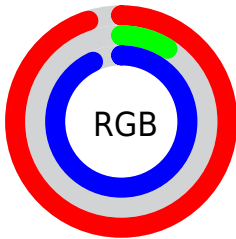
Format	Color
RYB	241, 24, 237
Decimal	15800557
CIELab	57.53, 91.73, -55.42
CIELCh	58, 107.170, 328.861
Yxy	25.4685, 0.3250, 0.1595
Android (android.graphics.Color)	4293990637 (0xFFFF118ED)
YUV	113.1650, 61.0507, 112.1113
Hunter-Lab	50.4663, 95.2374, -61.3791

Details

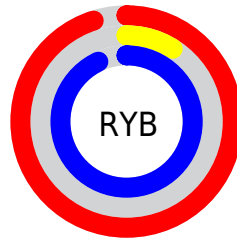
The Yxy color **25.4685, 0.3250, 0.1595** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **63.1995, 0.2999, 0.5915**, and the grayscale version is **16.3545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9954, 0.3191, 0.1928**, and **12.9986, 0.3209, 0.1542** is the 20% darker color. If you saturate the color by 10%, you get **24.7940, 0.3256, 0.1568**, and if you desaturate by 10%, it is **26.9614, 0.3242, 0.1659**.

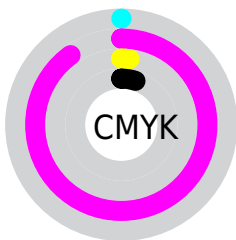
Distribution



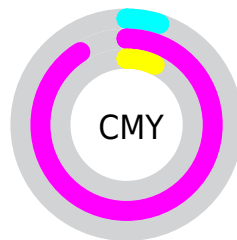
- Red (95%)
- Green (9%)
- Blue (93%)



- Red (95%)
- Yellow (9%)
- Blue (93%)



- Cyan (0%)
- Magenta (90%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (91%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4685, 0.3250, 0.1595 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 25.4685, 0.3250, 0.1595 by changing the saturation by 10% instead.


 25.4685, 0.3250,
0.1595


 25.4685, 0.3250,
0.1595


280.1631, 0.3238,
0.2360


 16.4264, 0.3240,
0.1433


 52.4163, 0.3256,
0.1852


 9.8264, 0.3220,
0.1241


 71.0907, 0.3255,
0.1955

 5.2840, 0.3182,
0.1014


 93.7448, 0.3253,
0.2044

 2.4149, 0.3114,
0.0750

 120.7629, 0.3251,
0.2123

 0.8335, 0.2986,
0.0454

 152.5294, 0.3248,
0.2193

 0.0000, 0.2787,
0.0000


189.4287, 0.3244,


 0.0000, 0.2270,

0.2255


0.0000

231.8451, 0.3241,
0.2310


 0.0000, 0.0000,
0.0000


 25.4685, 0.3250,
0.1595


 25.4685, 0.3250,
0.1595

 24.7940, 0.3256,
0.1568

 26.9614, 0.3242,
0.1659

 29.5225, 0.3231,
0.1766

 33.3048, 0.3218,
0.1915

 38.4359, 0.3204,
0.2102

 45.0272, 0.3189,
0.2318

■ 53.1785, 0.3173,
0.2554

■ 62.9811, 0.3157,
0.2800

■ 74.5189, 0.3142,
0.3047

■ 87.8704, 0.3127,
0.3288

Harmonies

Analogous

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



25.4685, 0.1816, 0.1214



25.4685, 0.3250, 0.1595



25.4685, 0.5150, 0.2262

Triad

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



25.4685, 0.3250, 0.1595



25.4685, 0.4923, 0.5077



25.4685, 0.0758, 0.2288

Complementary

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



25.4685, 0.3250, 0.1595



63.1995, 0.2999, 0.5915

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.



25.4685, 0.1193, 0.4328



25.4685, 0.3250, 0.1595



25.4685, 0.3544, 0.6363

Square

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



25.4685, 0.3250, 0.1595



25.4685, 0.6017, 0.3903



25.4685, 0.2221, 0.6514



25.4685, 0.0751, 0.1407

Rectangle

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



25.4685, 0.3250, 0.1595



25.4685, 0.6066, 0.2775



25.4685, 0.2221, 0.6514



25.4685, 0.0843, 0.2820

Sweetspot

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



25.4697, 0.3250, 0.1595



63.5795, 0.3168, 0.2627



7.2424, 0.1548, 0.0673



12.8442, 0.3174, 0.2544



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.



25.4697, 0.3250, 0.1595



28.1807, 0.3257, 0.1568



20.9353, 0.4822, 0.2489



16.0261, 0.3141, 0.3062



13.4450, 0.3256, 0.1567



1.1201, 0.3249, 0.1564

Inverse Universe

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



25.4697, 0.3250, 0.1595



28.1807, 0.3257, 0.1568



64.8961, 0.2685, 0.4803



16.0261, 0.3141, 0.3062



13.4450, 0.3256, 0.1567



1.1201, 0.3249, 0.1564

Previews

White Background



This preview shows how the Yxy color 25.4685, 0.3250, 0.1595 looks on a white background.

Color Contrast Check

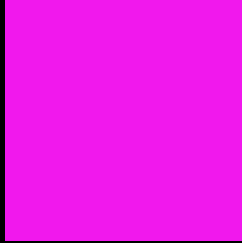
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4685, 0.3250, 0.1595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

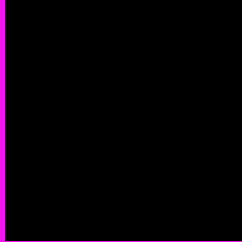
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4685, 0.3250, 0.1595

Background



This preview shows how black text looks on a background with the Yxy color 25.4685, 0.3250, 0.1595.



This preview shows how white text looks on a background with the Yxy color 25.4685, 0.3250, 0.1595.

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

25.4685, 0.3250, 0.1595

Protanopia

26.0438, 0.1926, 0.1694

Deuteranopia

25.9168, 0.2117, 0.2057



Tritanopia

25.4549, 0.4838, 0.3231

Trichromacy



Original Color

25.4685, 0.3250, 0.1595



Protanomaly

20.1126, 0.2182, 0.1414



Deuteranomaly

20.0801, 0.2372, 0.1599



Tritanomaly

23.6141, 0.4271, 0.2465

Monochromacy



Original Color

25.4685, 0.3250, 0.1595



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

15.8271, 0.3208, 0.2151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4685, 0.3250, 0.1595 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(241, 24, 237)` looks like.

```
.text, #text, p{  
    color:rgb(241, 24, 237)  
}
```

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(241, 24, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 24, 237) }
```

Border

The CSS property to change the border of an element to Yxy 25.4685, 0.3250, 0.1595 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(241, 24, 237) }
```

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

```
.border{ border-color:rgb(241, 24, 237) }
```

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

Here you see how a box with a 4 pixel rgb(241, 24, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 24, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 24, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 24,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4685, 0.3250, 0.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 24, 237) }
```

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

```
.background{ background-color: rgb(241, 24,  
237) }
```

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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