

Converting Colors

$Y_{xy}(43.0803, 0.3306, 0.2414)$

Have a look what the booklet for
Yxy(43.0803, 0.3306, 0.2414)
contains.

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Color

Yxy(43.0113, 0.3308, 0.2410)

Conversions

Conversions Part 1

Format	Color
Hex	F08DE1
RGB	240, 141, 225
RGB Percent	94%, 55%, 88%
CMY	0.0590, 0.4469, 0.1177
CMYK	0.00, 0.41, 0.06, 0.06
HSL	309°, 77%, 75%
HSV	309°, 41%, 94%
XYZ	59.0379, 43.0113, 76.4209
YIQ	180.1770, 32.0400, 47.1120

Conversions

Conversions Part 2

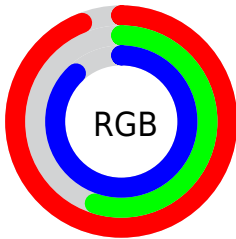
Format	Color
R_{YB}	240, 141, 225
Decimal	15764961
CIE _{Lab}	71.56, 49.19, -26.77
CIE _{LCh}	72, 56.000, 331.445
Yxy	43.0113, 0.3308, 0.2410
Android (android.graphics.Color)	4293955041 (0xFFFF08DE1)
YUV	180.1770, 22.0977, 52.4648
Hunter-Lab	65.5830, 45.9157, -23.1799

Details

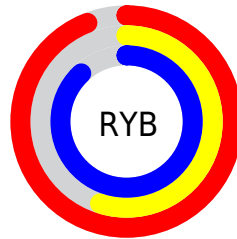
The Yxy color **43.0113, 0.3308, 0.2410** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **70.3583, 0.2990, 0.4370**, and the grayscale version is **45.6108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4125, 0.3154, 0.2722**, and **19.8268, 0.3332, 0.2200** is the 20% darker color. If you saturate the color by 10%, you get **36.4890, 0.3364, 0.2216**, and if you desaturate by 10%, it is **51.0746, 0.3256, 0.2620**.

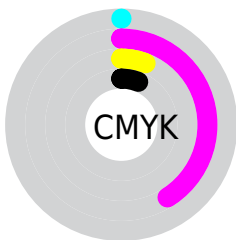
Distribution



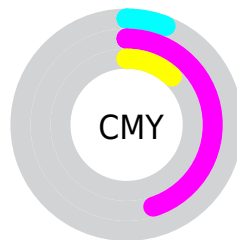
- Red (94%)
- Green (55%)
- Blue (88%)



- Red (94%)
- Yellow (55%)
- Blue (88%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0113, 0.3308, 0.2410 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 43.0113, 0.3308, 0.2410 by changing the saturation by 10% instead.


 43.0113, 0.3308,
0.2410


 43.0113, 0.3308,
0.2410


358.6582, 0.3231,
0.2820

 29.8940, 0.3323,
0.2316


 79.7279, 0.3283,
0.2552

 19.7581, 0.3341,
0.2201


 104.0960, 0.3273,
0.2608

 12.2194, 0.3362,
0.2056


132.9831, 0.3264,
0.2655

 6.8932, 0.3385,
0.1868

166.7737, 0.3256,
0.2697

 3.3954, 0.3408,
0.1618

205.8521, 0.3249,
0.2733

 1.3415, 0.3425,
0.1274

250.6027, 0.3242,

 0.1730, 0.3542,

0.2766

0.0414

301.4100, 0.3236,
0.2794

0.0000, 0.2681,
0.0000

0.0000, 0.0000,
0.0000

43.0113, 0.3308,
0.2410

43.0113, 0.3308,
0.2410

36.4890, 0.3364,
0.2216

51.0746, 0.3256,
0.2620

31.4019, 0.3422,
0.2048

60.7640, 0.3209,
0.2838

27.6401, 0.3481,
0.1916


72.1655, 0.3168,
0.3055

25.0752, 0.3539,
0.1828


85.3571, 0.3131,
0.3265


 23.5534, 0.3594,
0.1785


 96.5164, 0.3102,
0.3407

 22.8608, 0.3640,
0.1779

 96.7379, 0.3081,
0.3371

 96.9638, 0.3061,
0.3335

 97.1942, 0.3041,
0.3299

 97.2570, 0.3035,
0.3290

Harmonies

Analogous

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



43.0113, 0.2544, 0.2140



43.0113, 0.3308, 0.2410



43.0113, 0.4115, 0.2859

Triad

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



43.0113, 0.3308, 0.2410



43.0113, 0.4251, 0.4523



43.0113, 0.1817, 0.2870

Complementary

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



43.0113, 0.3308, 0.2410



70.3583, 0.2990, 0.4370

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.



43.0113, 0.2169, 0.3694



43.0113, 0.3308, 0.2410



43.0113, 0.3564, 0.4775

Square

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



43.0113, 0.3308, 0.2410



43.0113, 0.4668, 0.3998



43.0113, 0.2802, 0.4481



43.0113, 0.1773, 0.2326

Rectangle

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



43.0113, 0.3308, 0.2410



43.0113, 0.4513, 0.3221



43.0113, 0.2802, 0.4481



43.0113, 0.1900, 0.3122

Sweetspot

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



43.0133, 0.3308, 0.2410



81.7121, 0.3171, 0.3037



32.4040, 0.2465, 0.2052



17.1026, 0.3176, 0.3009



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.



43.0133, 0.3308, 0.2410



43.3009, 0.3352, 0.2254



40.6983, 0.3807, 0.2909



15.9879, 0.3161, 0.3092



12.5358, 0.3632, 0.1775



1.0539, 0.3568, 0.1739

Inverse Universe

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



43.0133, 0.3308, 0.2410



43.3009, 0.3352, 0.2254



72.3820, 0.2732, 0.3717



15.9879, 0.3161, 0.3092



12.5358, 0.3632, 0.1775



1.0539, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 43.0113, 0.3308, 0.2410 looks on a white background.

Color Contrast Check

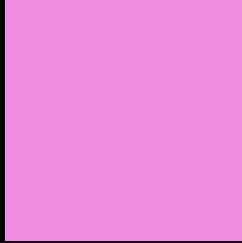
Large Text (above 18pt) WCAG AA × Fail

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 43.0113, 0.3308, 0.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

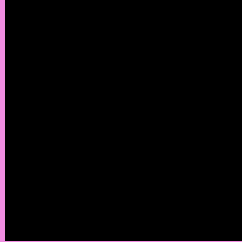
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0113, 0.3308, 0.2410

Background



This preview shows how black text looks on a background with the Yxy color 43.0113, 0.3308, 0.2410.



This preview shows how white text looks on a background with the Yxy color 43.0113, 0.3308, 0.2410.

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

43.0113, 0.3308, 0.2410

Protanopia

43.4021, 0.2445, 0.2359

Deuteranopia

43.1656, 0.2752, 0.2693



Tritanopia

43.1515, 0.3812, 0.3166

Trichromacy



Original Color

43.0113, 0.3308, 0.2410



Protanomaly

41.9714, 0.2707, 0.2355



Deuteranomaly

42.3123, 0.2934, 0.2570



Tritanomaly

42.9156, 0.3629, 0.2868

Monochromacy



Original Color

43.0113, 0.3308, 0.2410



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.8145, 0.3199, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0113, 0.3308, 0.2410 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(240, 141, 225)` looks like.

```
.text, #text, p{  
    color:rgb(240, 141, 225)  
}
```

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(240, 141, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 141, 225) }
```

Border

The CSS property to change the border of an element to Yxy 43.0113, 0.3308, 0.2410 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(240, 141, 225) }
```

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

```
.border{ border-color:rgb(240, 141, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 141, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 141, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 141, 225);  
box-shadow:4px 4px 4px 4px rgb(240, 141,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0113, 0.3308, 0.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 141, 225) }
```

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

```
.background{ background-color: rgb(240,  
141, 225) }
```

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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