

Converting Colors

$Y_{xy}(50.2371, 0.3312, 0.2605)$

Have a look what the booklet for
Yxy(50.2371, 0.3312, 0.2605)
contains.

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Color

Yxy(50.2689, 0.3308, 0.2602)

Conversions

Conversions Part 1

Format	Color
Hex	F4A1E3
RGB	244, 161, 227
RGB Percent	96%, 63%, 89%
CMY	0.0433, 0.3685, 0.1098
CMYK	0.00, 0.34, 0.07, 0.04
HSL	312°, 79%, 79%
HSV	312°, 34%, 96%
XYZ	63.9083, 50.2689, 79.0161
YIQ	193.3410, 28.2820, 38.1220

Conversions

Conversions Part 2

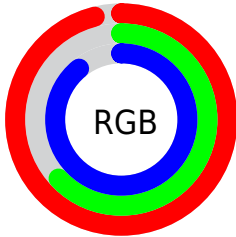
Format	Color
R _Y B	244, 161, 227
Decimal	16032227
CIE Lab	76.23, 40.48, -20.70
CIE LCh	76, 45.463, 332.910
Yxy	50.2689, 0.3308, 0.2602
Android (android.graphics.Color)	4294222307 (0xFFFF4A1E3)
YUV	193.3410, 16.5939, 44.4279
Hunter-Lab	70.9006, 36.8203, -16.4461

Details

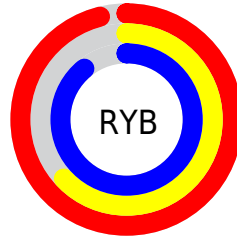
The Yxy color **50.2689, 0.3308, 0.2602** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.4690, 0.2988, 0.4095**, and the grayscale version is **53.4292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **24.2685, 0.3346, 0.2438** is the 20% darker color. If you saturate the color by 10%, you get **42.2874, 0.3377, 0.2405**, and if you desaturate by 10%, it is **59.9263, 0.3246, 0.2807**.

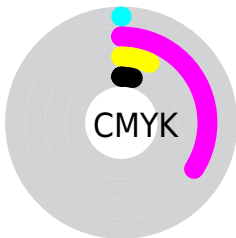
Distribution



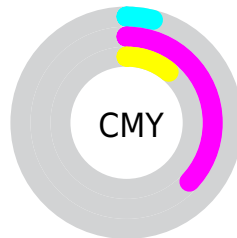
- Red (96%)
- Green (63%)
- Blue (89%)



- Red (96%)
- Yellow (63%)
- Blue (89%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (37%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2689, 0.3308, 0.2602 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 50.2689, 0.3308, 0.2602 by changing the saturation by 10% instead.

 50.2689, 0.3308,
0.2602

 50.2689, 0.3308,
0.2602


387.7166, 0.3228,
0.2921

 35.6271, 0.3325,
0.2529


 90.5732, 0.3281,
0.2713

 24.1463, 0.3346,
0.2440


 117.0044, 0.3270,
0.2756

 15.4422, 0.3372,
0.2327

148.1343, 0.3261,
0.2793

 9.1303, 0.3403,
0.2180

184.3472, 0.3253,
0.2825

 4.8263, 0.3442,
0.1983

226.0274, 0.3245,
0.2853

 2.1457, 0.3491,
0.1706

273.5595, 0.3239,

 0.6901, 0.3555,

0.2878

0.1274

327.3277, 0.3233,
0.2901

0.0000, 0.3732,
0.0000

0.0000, 0.0000,
0.0000

50.2689, 0.3308,
0.2602

50.2689, 0.3308,
0.2602

42.2874, 0.3377,
0.2405

59.9263, 0.3246,
0.2807

35.8777, 0.3452,
0.2226

71.3421, 0.3191,
0.3013

30.9350, 0.3532,
0.2075

84.6016, 0.3144,
0.3213

27.3384, 0.3613,
0.1961

97.4580, 0.3105,
0.3368

■ 24.9482, 0.3694,
0.1893

■ 97.7698, 0.3077,
0.3320

■ 23.5934, 0.3771,
0.1871

■ 97.9656, 0.3059,
0.3290

■ 23.1256, 0.3817,
0.1876

Harmonies

Analogous

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



50.2689, 0.2702, 0.2373



50.2689, 0.3308, 0.2602



50.2689, 0.3917, 0.2979

Triad

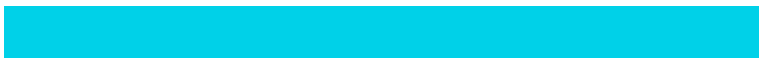
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.2689, 0.3308, 0.2602



50.2689, 0.4007, 0.4290



50.2689, 0.2077, 0.2957

Complementary

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



50.2689, 0.3308, 0.2602



75.4690, 0.2988, 0.4095

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.



50.2689, 0.2361, 0.3575



50.2689, 0.3308, 0.2602



50.2689, 0.3466, 0.4421

Square

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



50.2689, 0.3308, 0.2602



50.2689, 0.4327, 0.3909



50.2689, 0.2863, 0.4158



50.2689, 0.2045, 0.2526

Rectangle

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



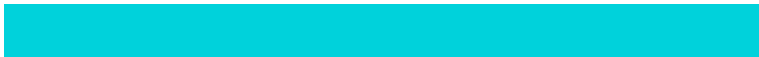
50.2689, 0.3308, 0.2602



50.2689, 0.4211, 0.3281



50.2689, 0.2863, 0.4158



50.2689, 0.2144, 0.3150

Sweetspot

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



50.2712, 0.3308, 0.2602



84.4647, 0.3172, 0.3093



41.4471, 0.2632, 0.2305



17.6478, 0.3179, 0.3065



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.



50.2712, 0.3308, 0.2602



49.1363, 0.3356, 0.2461



48.2656, 0.3686, 0.3021



16.7069, 0.3169, 0.3104



12.5997, 0.3805, 0.1870



1.1217, 0.3716, 0.1821

Inverse Universe

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



50.2712, 0.3308, 0.2602



49.1363, 0.3356, 0.2461



77.3744, 0.2769, 0.3581



16.7069, 0.3169, 0.3104



12.5997, 0.3805, 0.1870



1.1217, 0.3716, 0.1821

Previews

White Background



This preview shows how the Yxy color 50.2689, 0.3308, 0.2602 looks on a white background.

Color Contrast Check

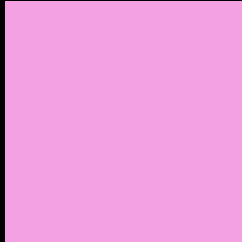
Large Text (above 18pt) WCAG AA × Fail

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 50.2689, 0.3308, 0.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

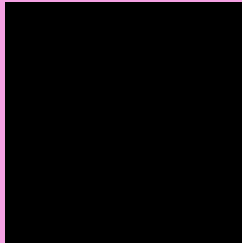
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2689, 0.3308, 0.2602

Background



This preview shows how black text looks on a background with the Yxy color 50.2689, 0.3308, 0.2602.



This preview shows how white text looks on a background with the Yxy color 50.2689, 0.3308, 0.2602.

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

50.2689, 0.3308, 0.2602

Protanopia

50.5946, 0.2625, 0.2590

Deuteranopia

50.5558, 0.2886, 0.2823



Tritanopia

50.3455, 0.3637, 0.3147

Trichromacy



Original Color

50.2689, 0.3308, 0.2602



Protanomaly

49.7594, 0.2848, 0.2591



Deuteranomaly

50.1341, 0.3037, 0.2740



Tritanomaly

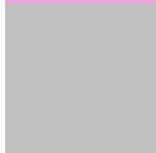
50.2862, 0.3514, 0.2942

Monochromacy



Original Color

50.2689, 0.3308, 0.2602



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.4526, 0.3199, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2689, 0.3308, 0.2602 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(244, 161, 227)` looks like.

```
.text, #text, p{  
    color:rgb(244, 161, 227)  
}
```

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(244, 161, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 161, 227) }
```

Border

The CSS property to change the border of an element to Yxy 50.2689, 0.3308, 0.2602 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(244, 161, 227) }
```

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

```
.border{ border-color:rgb(244, 161, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 161, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 161, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 161, 227);  
box-shadow:4px 4px 4px 4px rgb(244, 161,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2689, 0.3308, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 161, 227) }
```

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

```
.background{ background-color: rgb(244,  
161, 227) }
```

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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