

Converting Colors

$Y_{xy}(25.0917, 0.4466, 0.2603)$

Have a look what the booklet for
Yxy(25.0917, 0.4466, 0.2603)
contains.

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Color

Yxy(25.1130, 0.4474, 0.2605)

Conversions

Conversions Part 1

Format	Color
Hex	F0488E
RGB	240, 72, 142
RGB Percent	94%, 28%, 56%
CMY	0.0589, 0.7175, 0.4432
CMYK	0.00, 0.70, 0.41, 0.06
HSL	335°, 85%, 61%
HSV	335°, 70%, 94%
XYZ	43.1307, 25.1130, 28.1593
YIQ	130.2120, 77.6580, 57.3860

Conversions

Conversions Part 2

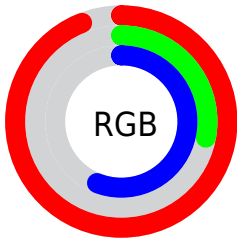
Format	Color
R _Y B	240, 72, 142
Decimal	15747214
CIE Lab	57.19, 68.77, -1.24
CIE LCh	57, 68.783, 358.965
Yxy	25.1130, 0.4474, 0.2605
Android (android.graphics.Color)	4293937294 (0xFFFF0488E)
YUV	130.2120, 5.8115, 96.2841
Hunter-Lab	50.1129, 65.9324, 1.7629

Details

The Yxy color **25.1130, 0.4474, 0.2605** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **66.5947, 0.2627, 0.4257**, and the grayscale version is **22.3650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7481, 0.3755, 0.2636**, and **10.3564, 0.4895, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **22.1976, 0.4775, 0.2592**, and if you desaturate by 10%, it is **29.2942, 0.4189, 0.2661**.

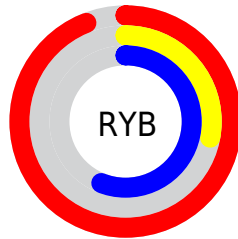
Distribution



Red (94%)

Green (28%)

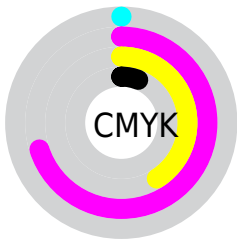
Blue (56%)



Red (94%)

Yellow (28%)

Blue (56%)

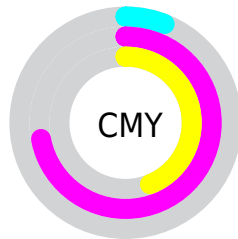


Cyan (0%)

Magenta (70%)

Yellow (41%)

Black (6%)



Cyan (6%)


Magenta (72%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1130, 0.4474, 0.2605 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 25.1130, 0.4474, 0.2605 by changing the saturation by 10% instead.


 25.1130, 0.4474,
0.2605


 25.1130, 0.4474,
0.2605


278.4002, 0.3741,
0.2976


 16.1613, 0.4676,
0.2504


 51.8405, 0.4194,
0.2746

 9.6383, 0.4946,
0.2369


 70.3850, 0.4093,
0.2797

 5.1598, 0.5324,
0.2181

 92.8959, 0.4009,
0.2840

 2.3413, 0.5881,
0.1906

 119.7577, 0.3938,
0.2875

 0.7955, 0.6762,
0.1473

 151.3545, 0.3878,
0.2906

 0.0000, 1.0000,
0.0000

188.0710, 0.3826,

 0.0000, 0.0000,

0.2932

0.0000

230.2914, 0.3781,
0.2955

■ 25.1130, 0.4474,
0.2605

■ 25.1130, 0.4474,
0.2605

■ 22.1976, 0.4775,
0.2592

■ 29.2942, 0.4189,
0.2661

■ 20.3920, 0.5073,
0.2632

■ 34.8650, 0.3933,
0.2748


■ 19.4433, 0.5350,
0.2721

■ 41.9385, 0.3710,
0.2852


■ 19.4421, 0.5350,
0.2721


■ 50.6153, 0.3521,
0.2964

■ 60.9870, 0.3364,
0.3077

 73.1383, 0.3234,
0.3187

 87.1483, 0.3127,
0.3290

 97.1993, 0.3041,
0.3299

 97.2629, 0.3035,
0.3290

Harmonies

Analogous

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



25.1130, 0.3257, 0.2050



25.1130, 0.4474, 0.2605



25.1130, 0.5281, 0.3291

Triad

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



25.1130, 0.4474, 0.2605



25.1130, 0.3704, 0.5447



25.1130, 0.1302, 0.1960

Complementary

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



25.1130, 0.4474, 0.2605



66.5947, 0.2627, 0.4257

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.



25.1130, 0.1360, 0.2701



25.1130, 0.4474, 0.2605



25.1130, 0.2668, 0.5220

Square

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



25.1130, 0.4474, 0.2605



25.1130, 0.4659, 0.4844



25.1130, 0.1810, 0.3982



25.1130, 0.1577, 0.1679

Rectangle

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



25.1130, 0.4474, 0.2605



25.1130, 0.5374, 0.3785



25.1130, 0.1810, 0.3982



25.1130, 0.1284, 0.2147

Sweetspot

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



25.1144, 0.4474, 0.2605



68.6119, 0.3379, 0.3065



19.4761, 0.2501, 0.1407



13.9500, 0.3421, 0.3034



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.



25.1144, 0.4474, 0.2605



24.4442, 0.4904, 0.2603



25.6513, 0.5388, 0.3418



15.8681, 0.3228, 0.3192



10.6694, 0.5309, 0.2699



0.9070, 0.4969, 0.2511

Inverse Universe

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



25.1144, 0.4474, 0.2605



24.4442, 0.4904, 0.2603



62.0568, 0.2284, 0.3108



15.8681, 0.3228, 0.3192



10.6694, 0.5309, 0.2699



0.9070, 0.4969, 0.2511

Previews

White Background



This preview shows how the Yxy color 25.1130, 0.4474, 0.2605 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 25.1130, 0.4474, 0.2605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

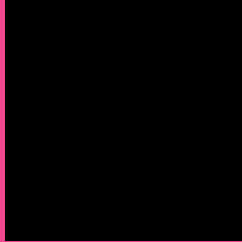
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1130, 0.4474, 0.2605

Background



This preview shows how black text looks on a background with the Yxy color 25.1130, 0.4474, 0.2605.



This preview shows how white text looks on a background with the Yxy color 25.1130, 0.4474, 0.2605.

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

25.1130, 0.4474, 0.2605

Protanopia

25.3457, 0.2601, 0.2564

Deuteranopia

25.1717, 0.3335, 0.3274



Tritanopia

25.2397, 0.5151, 0.3249

Trichromacy



Original Color

25.1130, 0.4474, 0.2605

Protanomaly

22.8158, 0.3164, 0.2505

Deuteranomaly

23.3654, 0.3749, 0.2923

Tritanomaly

25.0186, 0.4923, 0.3012

Monochromacy



Original Color

25.1130, 0.4474, 0.2605

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.2046, 0.3619, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1130, 0.4474, 0.2605 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, 72, 142)` looks like.

```
.text, #text, p{  
  color:rgb(240, 72, 142)  
}
```

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, 72, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 72, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.1130, 0.4474, 0.2605 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, 72, 142) }
```

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

```
.border{ border-color:rgb(240, 72, 142) }
```

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

Here you see how a box with a 4 pixel rgb(240, 72, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 72, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 72, 142);  
box-shadow:4px 4px 4px 4px rgb(240, 72,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1130, 0.4474, 0.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 72, 142) }
```

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

```
.background{ background-color: rgb(240, 72,  
142) }
```

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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