

Converting Colors

$Y_{xy}(25.1182, 0.4293, 0.2358)$

Have a look what the booklet for
Yxy(25.1182, 0.4293, 0.2358)
contains.

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Color

Yxy(25.1570, 0.4298, 0.2357)

Conversions

Conversions Part 1

Format	Color
Hex	F63AA0
RGB	246, 58, 160
RGB Percent	96%, 23%, 63%
CMY	0.0352, 0.7727, 0.3725
CMYK	0.00, 0.76, 0.35, 0.04
HSL	327°, 91%, 60%
HSV	327°, 76%, 96%
XYZ	45.8739, 25.1570, 35.7022
YIQ	125.8400, 79.3060, 71.5780

Conversions

Conversions Part 2

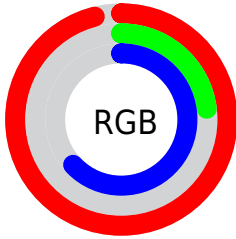
Format	Color
R _Y B	246, 58, 160
Decimal	16136864
CIE Lab	57.23, 76.57, -11.66
CIE LCh	57, 77.449, 351.342
Yxy	25.1570, 0.4298, 0.2357
Android (android.graphics.Color)	4294326944 (0xFFFF63AA0)
YUV	125.8400, 16.8409, 105.3803
Hunter-Lab	50.1568, 75.4837, -7.0937

Details

The Yxy color **25.1570, 0.4298, 0.2357** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **68.8424, 0.2719, 0.4710**, and the grayscale version is **20.7214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0854, 0.3570, 0.2366**, and **11.2945, 0.4571, 0.2292** is the 20% darker color. If you saturate the color by 10%, you get **22.8682, 0.4521, 0.2351**, and if you desaturate by 10%, it is **28.6675, 0.4080, 0.2414**.

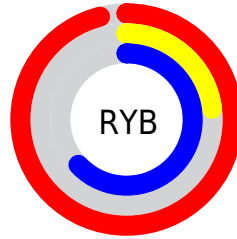
Distribution



Red (96%)

Green (23%)

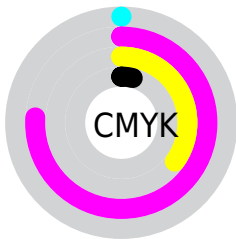
Blue (63%)



Red (96%)

Yellow (23%)

Blue (63%)

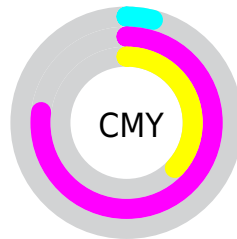


Cyan (0%)

Magenta (76%)

Yellow (35%)

Black (4%)



Cyan (4%)


Magenta (77%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1570, 0.4298, 0.2357 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 25.1570, 0.4298, 0.2357 by changing the saturation by 10% instead.


 25.1570, 0.4298,
0.2357


 25.1570, 0.4298,
0.2357


278.6189, 0.3675,
0.2836


 16.1941, 0.4465,
0.2235


 51.9118, 0.4063,
0.2533

 9.6616, 0.4684,
0.2077


 70.4725, 0.3978,
0.2599

 5.1752, 0.4987,
0.1868


 93.0012, 0.3906,
0.2654

 2.3504, 0.5424,
0.1579

 119.8823, 0.3846,
0.2701

 0.8002, 0.6100,
0.1164

 151.5002, 0.3794,
0.2742

 0.0000, 0.7903,
0.0000

188.2394, 0.3749,


 0.0000, 1.0000,


0.2778


0.0000


230.4841, 0.3710,
0.2809


 0.0000, 0.0000,
0.0000


 25.1570, 0.4298,
0.2357


 25.1570, 0.4298,
0.2357


 22.8682, 0.4521,
0.2351


 28.6675, 0.4080,
0.2414


 21.6095, 0.4738,
0.2400


 33.5456, 0.3876,
0.2511

 21.3065, 0.4813,
0.2425

 39.9208, 0.3692,
0.2635


 47.9064, 0.3532,
0.2774

 57.6046, 0.3394,
0.2919

 69.1093, 0.3278,
0.3064

 82.5072, 0.3181,
0.3204

 97.8797, 0.3100,
0.3336

 98.3388, 0.3072,
0.3290

Harmonies

Analogous

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



25.1570, 0.2930, 0.1822



25.1570, 0.4298, 0.2357



25.1570, 0.5385, 0.3056

Triad

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



25.1570, 0.4298, 0.2357



25.1570, 0.3980, 0.5544



25.1570, 0.1131, 0.1961

Complementary

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



25.1570, 0.4298, 0.2357



68.8424, 0.2719, 0.4710

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.



25.1570, 0.1272, 0.2916



25.1570, 0.4298, 0.2357



25.1570, 0.2857, 0.5689

Square

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



25.1570, 0.4298, 0.2357



25.1570, 0.4984, 0.4703



25.1570, 0.1854, 0.4490



25.1570, 0.1334, 0.1572

Rectangle

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



25.1570, 0.4298, 0.2357



25.1570, 0.5622, 0.3562



25.1570, 0.1854, 0.4490



25.1570, 0.1137, 0.2204

Sweetspot

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



25.1584, 0.4298, 0.2357



66.5092, 0.3352, 0.2969



15.4796, 0.2202, 0.1159



13.3217, 0.3397, 0.2916



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.



25.1584, 0.4298, 0.2357



23.9034, 0.4646, 0.2372



23.0293, 0.5691, 0.3232



16.6330, 0.3208, 0.3162



11.3978, 0.4780, 0.2407



1.0225, 0.4528, 0.2268

Inverse Universe

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



25.1584, 0.4298, 0.2357



23.9034, 0.4646, 0.2372



72.9225, 0.2332, 0.3405



16.6330, 0.3208, 0.3162



11.3978, 0.4780, 0.2407



1.0225, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 25.1570, 0.4298, 0.2357 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 25.1570, 0.4298, 0.2357 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 25.1570, 0.4298, 0.2357

Background



This preview shows how black text looks on a background with the Yxy color 25.1570, 0.4298, 0.2357.



This preview shows how white text looks on a background with the Yxy color 25.1570, 0.4298, 0.2357.

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

25.1570, 0.4298, 0.2357

Protanopia

25.4470, 0.2278, 0.2139

Deuteranopia

25.2719, 0.3084, 0.3032



Tritanopia

25.0940, 0.5285, 0.3252

Trichromacy



Original Color

25.1570, 0.4298, 0.2357



Protanomaly

21.7814, 0.2796, 0.2079



Deuteranomaly

22.5862, 0.3513, 0.2620



Tritanomaly

24.8593, 0.4967, 0.2926

Monochromacy



Original Color

25.1570, 0.4298, 0.2357



Achromatopsia

20.8637, 0.3127, 0.3290



Achromatomaly

19.6884, 0.3586, 0.2735

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1570, 0.4298, 0.2357 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(246, 58, 160)` looks like.

```
.text, #text, p{  
  color:rgb(246, 58, 160)  
}
```

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(246, 58, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 58, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.1570, 0.4298, 0.2357 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(246, 58, 160) }
```

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

```
.border{ border-color:rgb(246, 58, 160) }
```

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

Here you see how a box with a 4 pixel rgb(246, 58, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 58, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 58, 160);  
box-shadow:4px 4px 4px 4px rgb(246, 58,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1570, 0.4298, 0.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 58, 160) }
```

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

```
.background{ background-color: rgb(246, 58,  
160) }
```

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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