

Converting Colors

$Y_{xy}(30.2687, 0.3761, 0.2282)$

Have a look what the booklet for
Yxy(30.2687, 0.3761, 0.2282)
contains.

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Color

Yxy(30.2931, 0.3758, 0.2284)

Conversions

Conversions Part 1

Format	Color
Hex	F25CBF
RGB	242, 92, 191
RGB Percent	95%, 36%, 75%
CMY	0.0510, 0.6391, 0.2511
CMYK	0.00, 0.62, 0.21, 0.05
HSL	320°, 85%, 65%
HSV	320°, 62%, 95%
XYZ	49.8430, 30.2931, 52.4957
YIQ	148.1360, 57.6210, 62.5890

Conversions

Conversions Part 2

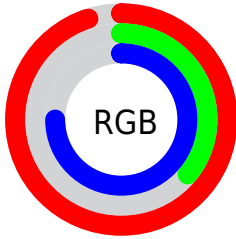
Format	Color
R _Y B	242, 92, 191
Decimal	15883455
CIE Lab	61.91, 67.40, -22.50
CIE LCh	62, 71.059, 341.536
Yxy	30.2931, 0.3758, 0.2284
Android (android.graphics.Color)	4294073535 (0xFFFF25CBF)
YUV	148.1360, 21.1320, 82.3187
Hunter-Lab	55.0392, 65.3296, -18.0226

Details

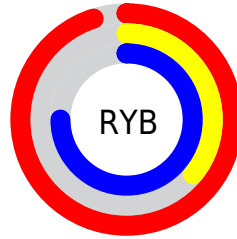
The Yxy color **30.2931, 0.3758, 0.2284** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **67.7570, 0.2821, 0.4647**, and the grayscale version is **29.5701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8500, 0.3233, 0.2332**, and **12.4045, 0.3935, 0.2023** is the 20% darker color. If you saturate the color by 10%, you get **26.3968, 0.3905, 0.2184**, and if you desaturate by 10%, it is **35.5513, 0.3621, 0.2419**.

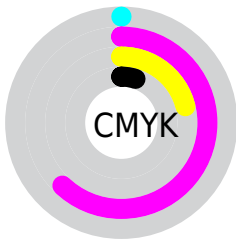
Distribution



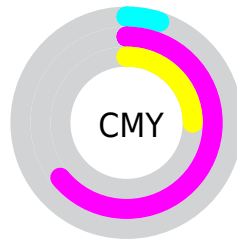
- Red (95%)
- Green (36%)
- Blue (75%)



- Red (95%)
- Yellow (36%)
- Blue (75%)



- Cyan (0%)
- Magenta (62%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2931, 0.3758, 0.2284 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 30.2931, 0.3758, 0.2284 by changing the saturation by 10% instead.

 30.2931, 0.3758,
0.2284


 30.2931, 0.3758,
0.2284


303.2683, 0.3444,
0.2774


 20.0612, 0.3835,
0.2167


 60.1254, 0.3645,
0.2459


 12.4395, 0.3933,
0.2020


 80.4945, 0.3602,
0.2525

 7.0437, 0.4061,
0.1831


 105.0115, 0.3566,
0.2582

 3.4895, 0.4236,
0.1581

 134.0608, 0.3535,
0.2631

 1.3923, 0.4483,
0.1242

168.0267, 0.3508,
0.2674

 0.2110, 0.5019,
0.0461

207.2937, 0.3484,

 0.0000, 0.5704,

0.2711

0.0000

252.2461, 0.3463,
0.2745

■ 0.0000, 0.0000,
0.0000

■ 30.2931, 0.3758,
0.2284

■ 30.2931, 0.3758,
0.2284

■ 26.3968, 0.3905,
0.2184

■ 35.5513, 0.3621,
0.2419

■ 23.7248, 0.4056,
0.2129

■ 42.2823, 0.3496,
0.2577

■ 22.1187, 0.4206,
0.2126


■ 50.5908, 0.3386,
0.2747


■ 21.4012, 0.4323,
0.2155

■ 60.5706, 0.3290,
0.2921

■ 72.3082, 0.3208,
0.3093

 85.8841, 0.3139,
0.3259

 97.2091, 0.3083,
0.3352

 97.6147, 0.3047,
0.3290

Harmonies

Analogous

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



30.2931, 0.2624, 0.1862



30.2931, 0.3758, 0.2284



30.2931, 0.4847, 0.2898

Triad

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



30.2931, 0.3758, 0.2284



30.2931, 0.4267, 0.5111



30.2931, 0.1333, 0.2353

Complementary

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



30.2931, 0.3758, 0.2284



67.7570, 0.2821, 0.4647

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.



30.2931, 0.1607, 0.3395



30.2931, 0.3758, 0.2284



30.2931, 0.3275, 0.5424

Square

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



30.2931, 0.3758, 0.2284



30.2931, 0.5044, 0.4368



30.2931, 0.2296, 0.4732



30.2931, 0.1414, 0.1832

Rectangle

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



30.2931, 0.3758, 0.2284



30.2931, 0.5254, 0.3361



30.2931, 0.2296, 0.4732



30.2931, 0.1381, 0.2639

Sweetspot

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



30.2946, 0.3758, 0.2284



71.8715, 0.3265, 0.2972



19.8215, 0.2263, 0.1447



14.6154, 0.3290, 0.2922



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.



30.2946, 0.3758, 0.2284



28.9448, 0.3938, 0.2168



27.8190, 0.4777, 0.3044



15.9347, 0.3190, 0.3135



11.5250, 0.4300, 0.2142



0.9773, 0.4119, 0.2043

Inverse Universe

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



30.2946, 0.3758, 0.2284



28.9448, 0.3938, 0.2168



70.7820, 0.2481, 0.3608



15.9347, 0.3190, 0.3135



11.5250, 0.4300, 0.2142



0.9773, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 30.2931, 0.3758, 0.2284 looks on a white background.

Color Contrast Check

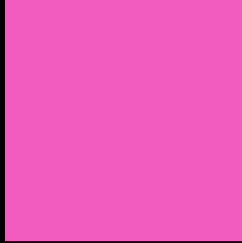
Large Text (above 18pt) WCAG AA × Fail

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 30.2931, 0.3758, 0.2284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

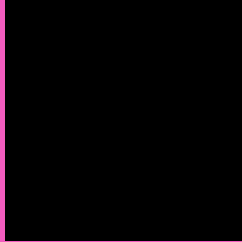
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2931, 0.3758, 0.2284

Background



This preview shows how black text looks on a background with the Yxy color 30.2931, 0.3758, 0.2284.



This preview shows how white text looks on a background with the Yxy color 30.2931, 0.3758, 0.2284.

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

30.2931, 0.3758, 0.2284

Protanopia

30.6726, 0.2263, 0.2120

Deuteranopia

30.5822, 0.2814, 0.2759



Tritanopia

30.1220, 0.4590, 0.3208

Trichromacy



Original Color

30.2931, 0.3758, 0.2284



Protanomaly

28.1332, 0.2662, 0.2106



Deuteranomaly

28.6690, 0.3121, 0.2503



Tritanomaly

29.9220, 0.4294, 0.2841

Monochromacy



Original Color

30.2931, 0.3758, 0.2284



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.0638, 0.3353, 0.2791

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2931, 0.3758, 0.2284 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(242, 92, 191)` looks like.

```
.text, #text, p{  
    color:rgb(242, 92, 191)  
}
```

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(242, 92, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 92, 191) }
```

Border

The CSS property to change the border of an element to Yxy 30.2931, 0.3758, 0.2284 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(242, 92, 191) }
```

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

```
.border{ border-color:rgb(242, 92, 191) }
```

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

Here you see how a box with a 4 pixel rgb(242, 92, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 92, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 92, 191);  
box-shadow:4px 4px 4px 4px rgb(242, 92,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2931, 0.3758, 0.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 92, 191) }
```

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

```
.background{ background-color: rgb(242, 92,  
191) }
```

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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