

Converting Colors

$Y_{xy}(28.8917, 0.3734, 0.2199)$

Have a look what the booklet for
Yxy(28.8917, 0.3734, 0.2199)
contains.

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Color

Yxy(28.8917, 0.3734, 0.2199)

Conversions

Conversions Part 1

Format	Color
Hex	F154C1
RGB	241, 84, 193
RGB Percent	95%, 33%, 76%
CMY	0.0551, 0.6703, 0.2432
CMYK	0.00, 0.65, 0.20, 0.06
HSL	318°, 85%, 64%
HSV	318°, 65%, 94%
XYZ	49.0594, 28.8917, 53.4345
YIQ	143.3690, 58.5830, 67.1830

Conversions

Conversions Part 2

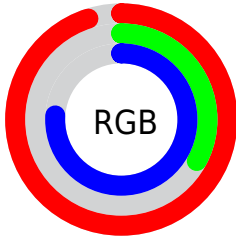
Format	Color
R_{YB}	241, 84, 193
Decimal	15815873
CIE _{Lab}	60.69, 70.54, -25.54
CIE _{LCh}	61, 75.018, 340.097
Yxy	28.8917, 0.3734, 0.2199
Android (android.graphics.Color)	4294005953 (0xFFFF154C1)
YUV	143.3690, 24.4681, 85.6224
Hunter-Lab	53.7510, 68.8555, -21.3152

Details

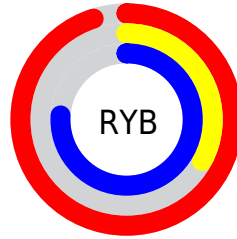
The Yxy color **28.8917, 0.3734, 0.2199** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **66.4400, 0.2839, 0.4804**, and the grayscale version is **27.5148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8070, 0.3220, 0.2253**, and **11.6878, 0.3898, 0.1921** is the 20% darker color. If you saturate the color by 10%, you get **25.4504, 0.3864, 0.2106**, and if you desaturate by 10%, it is **33.6383, 0.3610, 0.2330**.

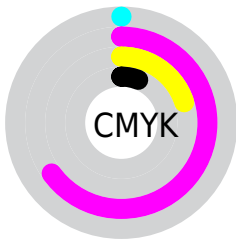
Distribution



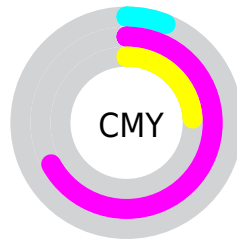
- Red (95%)
- Green (33%)
- Blue (76%)



- Red (95%)
- Yellow (33%)
- Blue (76%)



- Cyan (0%)
- Magenta (65%)
- Yellow (20%)
- Black (6%)




- Cyan (6%)
- Magenta (67%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8917, 0.3734, 0.2199 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 28.8917, 0.3734, 0.2199 by changing the saturation by 10% instead.


 28.8917, 0.3734,
0.2199


 28.8917, 0.3734,
0.2199


296.7036, 0.3435,
0.2729

 18.9989, 0.3806,
0.2073


 57.9050, 0.3627,
0.2387


 11.6695, 0.3898,
0.1916


 77.7942, 0.3586,
0.2459

 6.5190, 0.4016,
0.1715


 101.7845, 0.3552,
0.2521

 3.1632, 0.4174,
0.1452

 130.2600, 0.3522,
0.2574

 1.2175, 0.4392,
0.1101

163.6053, 0.3496,
0.2620

 0.0759, 0.4935,
0.0170

202.2048, 0.3473,

 0.0000, 0.5282,

0.2661

0.0000

246.4427, 0.3453,
0.2697

■ 0.0000, 0.0000,
0.0000

■ 28.8917, 0.3734,
0.2199

■ 28.8917, 0.3734,
0.2199

■ 25.4504, 0.3864,
0.2106

■ 33.6383, 0.3610,
0.2330

■ 23.1717, 0.3996,
0.2060

■ 39.8049, 0.3495,
0.2489

■ 21.8867, 0.4125,
0.2065

■ 47.4983, 0.3392,
0.2664

■ 21.4938, 0.4187,
0.2080


■ 56.8140, 0.3302,
0.2846

■ 67.8396, 0.3224,
0.3027

 80.6563, 0.3157,
0.3203

 95.3403, 0.3101,
0.3370

 97.2368, 0.3058,
0.3320

 97.4333, 0.3041,
0.3290

Harmonies

Analogous

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



28.8917, 0.2537, 0.1772



28.8917, 0.3734, 0.2199



28.8917, 0.4923, 0.2828

Triad

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



28.8917, 0.3734, 0.2199



28.8917, 0.4348, 0.5168



28.8917, 0.1245, 0.2321

Complementary

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



28.8917, 0.3734, 0.2199



66.4400, 0.2839, 0.4804

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.



28.8917, 0.1539, 0.3458



28.8917, 0.3734, 0.2199



28.8917, 0.3307, 0.5590

Square

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



28.8917, 0.3734, 0.2199



28.8917, 0.5169, 0.4350



28.8917, 0.2274, 0.4915



28.8917, 0.1316, 0.1763

Rectangle

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



28.8917, 0.3734, 0.2199



28.8917, 0.5378, 0.3304



28.8917, 0.2274, 0.4915



28.8917, 0.1298, 0.2631

Sweetspot

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



28.8931, 0.3734, 0.2199



70.7018, 0.3261, 0.2938



17.5343, 0.2169, 0.1338



14.3929, 0.3283, 0.2886



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.



28.8931, 0.3734, 0.2199



28.0014, 0.3906, 0.2086



26.2915, 0.4834, 0.2987



15.9443, 0.3185, 0.3127



11.6854, 0.4167, 0.2069



0.9898, 0.4010, 0.1983

Inverse Universe

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



28.8931, 0.3734, 0.2199



28.0014, 0.3906, 0.2086



69.4053, 0.2487, 0.3697



15.9443, 0.3185, 0.3127



11.6854, 0.4167, 0.2069



0.9898, 0.4010, 0.1983

Previews

White Background



This preview shows how the Yxy color 28.8917, 0.3734, 0.2199 looks on a white background.

Color Contrast Check

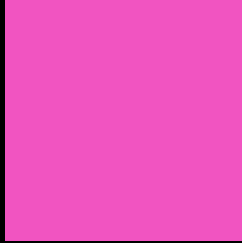
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8917, 0.3734, 0.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

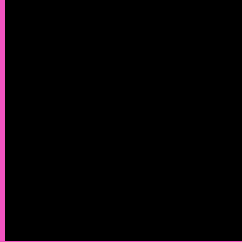
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8917, 0.3734, 0.2199

Background



This preview shows how black text looks on a background with the Yxy color 28.8917, 0.3734, 0.2199.



This preview shows how white text looks on a background with the Yxy color 28.8917, 0.3734, 0.2199.

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

28.8917, 0.3734, 0.2199

Protanopia

29.4890, 0.2164, 0.1993

Deuteranopia

29.1580, 0.2749, 0.2691



Tritanopia

28.7878, 0.4677, 0.3209

Trichromacy



Original Color

28.8917, 0.3734, 0.2199



Protanomaly

26.4149, 0.2557, 0.1976



Deuteranomaly

26.9719, 0.3070, 0.2415



Tritanomaly

28.5069, 0.4349, 0.2812

Monochromacy



Original Color

28.8917, 0.3734, 0.2199



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.0760, 0.3362, 0.2741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8917, 0.3734, 0.2199 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(241, 84, 193)` looks like.

```
.text, #text, p{  
    color:rgb(241, 84, 193)  
}
```

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(241, 84, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 84, 193) }
```

Border

The CSS property to change the border of an element to Yxy 28.8917, 0.3734, 0.2199 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(241, 84, 193) }
```

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

```
.border{ border-color:rgb(241, 84, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 84, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 84, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 84, 193);  
box-shadow:4px 4px 4px 4px rgb(241, 84,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8917, 0.3734, 0.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 84, 193) }
```

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

```
.background{ background-color: rgb(241, 84,  
193) }
```

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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