

Converting Colors

$Y_{xy}(28.0994, 0.4032, 0.2195)$

Have a look what the booklet for
Yxy(28.0994, 0.4032, 0.2195)
contains.

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Color

Yxy(28.0582, 0.4039, 0.2198)

Conversions

Conversions Part 1

Format	Color
Hex	FF3DB8
RGB	255, 61, 184
RGB Percent	100%, 24%, 72%
CMY	0.0000, 0.7607, 0.2785
CMYK	0.00, 0.76, 0.28, 0.00
HSL	322°, 100%, 62%
HSV	322°, 76%, 100%
XYZ	51.5592, 28.0582, 48.0359
YIQ	133.0280, 76.1410, 79.3810

Conversions

Conversions Part 2

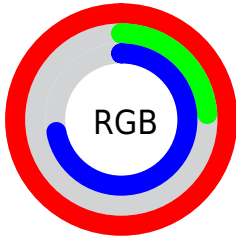
Format	Color
R _Y B	255, 61, 184
Decimal	16727480
CIE Lab	59.94, 80.45, -21.32
CIE LCh	60, 83.224, 345.157
Yxy	28.0582, 0.4039, 0.2198
Android (android.graphics.Color)	4294917560 (0xFFFF3DB8)
YUV	133.0280, 25.1292, 106.9694
Hunter-Lab	52.9700, 81.0483, -16.6883

Details

The Yxy color **28.0582, 0.4039, 0.2198** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **74.1797, 0.2790, 0.4946**, and the grayscale version is **23.3554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4730, 0.3319, 0.2188**, and **12.9761, 0.4231, 0.2104** is the 20% darker color. If you saturate the color by 10%, you get **25.5741, 0.4206, 0.2170**, and if you desaturate by 10%, it is **31.8633, 0.3875, 0.2275**.

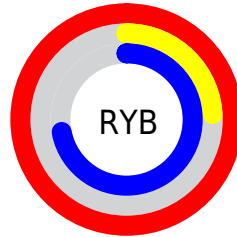
Distribution



Red (100%)

Green (24%)

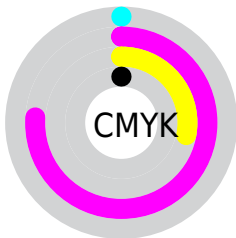
Blue (72%)



Red (100%)

Yellow (24%)

Blue (72%)

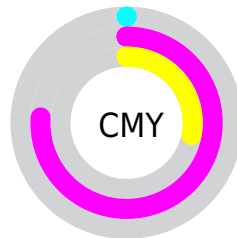


Cyan (0%)

Magenta (76%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0582, 0.4039, 0.2198 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 28.0582, 0.4039, 0.2198 by changing the saturation by 10% instead.


 28.0582, 0.4039,
0.2198


 28.0582, 0.4039,
0.2198


292.7449, 0.3576,
0.2733


 18.3695, 0.4156,
0.2070


 56.5773, 0.3870,
0.2389


 11.2156, 0.4305,
0.1910


 76.1766, 0.3806,
0.2461


 6.2121, 0.4504,
0.1704


 99.8482, 0.3753,
0.2523

 2.9745, 0.4777,
0.1433

 127.9765, 0.3707,
0.2577

 1.1184, 0.5174,
0.1071

 160.9460, 0.3668,
0.2623

 0.0000, 0.6146,
0.0000

199.1409, 0.3633,


 0.0000, 0.7654,


0.2664


0.0000

242.9458, 0.3603,
0.2700


 0.0000, 0.0000,
0.0000


 28.0582, 0.4039,
0.2198

 28.0582, 0.4039,
0.2198


 25.5741, 0.4206,
0.2170


 31.8633, 0.3875,
0.2275


 24.2055, 0.4369,
0.2195


 37.1479, 0.3719,
0.2392


 23.8560, 0.4432,
0.2215

 44.0522, 0.3577,
0.2536

 52.6990, 0.3451,
0.2697

 63.1991, 0.3342,
0.2865

 75.6539, 0.3248,
0.3033

 90.1578, 0.3169,
0.3195

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



28.0582, 0.2662, 0.1704



28.0582, 0.4039, 0.2198



28.0582, 0.5295, 0.2884

Triad

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



28.0582, 0.4039, 0.2198



28.0582, 0.4211, 0.5446



28.0582, 0.1083, 0.2062

Complementary

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



28.0582, 0.4039, 0.2198



74.1797, 0.2790, 0.4946

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.



28.0582, 0.1303, 0.3189



28.0582, 0.4039, 0.2198



28.0582, 0.3068, 0.5860

Square

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



28.0582, 0.4039, 0.2198



28.0582, 0.5195, 0.4523



28.0582, 0.1993, 0.4886



28.0582, 0.1221, 0.1573

Rectangle

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



28.0582, 0.4039, 0.2198



28.0582, 0.5673, 0.3387



28.0582, 0.1993, 0.4886



28.0582, 0.1112, 0.2354

Sweetspot

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



28.0595, 0.4039, 0.2198



66.8114, 0.3311, 0.2917



15.2198, 0.2054, 0.1087



13.3949, 0.3347, 0.2856



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.



28.0595, 0.4039, 0.2198



24.7748, 0.4287, 0.2176



25.3397, 0.5437, 0.3078



18.1809, 0.3194, 0.3140



12.4950, 0.4407, 0.2201



1.2376, 0.4233, 0.2106

Inverse Universe

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



28.0595, 0.4039, 0.2198



24.7748, 0.4287, 0.2176



77.9984, 0.2406, 0.3651



18.1809, 0.3194, 0.3140



12.4950, 0.4407, 0.2201



1.2376, 0.4233, 0.2106

Previews

White Background



This preview shows how the Yxy color 28.0582, 0.4039, 0.2198 looks on a white background.

Color Contrast Check

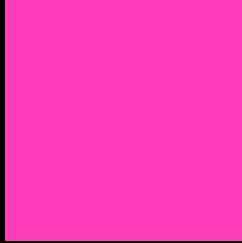
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0582, 0.4039, 0.2198 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 28.0582, 0.4039, 0.2198

Background



This preview shows how black text looks on a background with the Yxy color 28.0582, 0.4039, 0.2198.



This preview shows how white text looks on a background with the Yxy color 28.0582, 0.4039, 0.2198.

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

28.0582, 0.4039, 0.2198

Protanopia

28.4062, 0.2101, 0.1904

Deuteranopia

27.9962, 0.2857, 0.2800



Tritanopia

27.9274, 0.5148, 0.3241

Trichromacy



Original Color

28.0582, 0.4039, 0.2198



Protanomaly

24.1314, 0.2560, 0.1867



Deuteranomaly

24.9530, 0.3249, 0.2420



Tritanomaly

27.6335, 0.4784, 0.2849

Monochromacy



Original Color

28.0582, 0.4039, 0.2198



Achromatopsia

23.4551, 0.3127, 0.3290



Achromatomaly

22.1295, 0.3474, 0.2646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0582, 0.4039, 0.2198 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(255, 61, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 184)  
}
```

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(255, 61, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 184) }
```

Border

The CSS property to change the border of an element to Yxy 28.0582, 0.4039, 0.2198 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(255, 61, 184) }
```

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

```
.border{ border-color:rgb(255, 61, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0582, 0.4039, 0.2198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 184) }
```

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

```
.background{ background-color: rgb(255, 61,  
184) }
```

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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