

Converting Colors

$Y_{xy}(28.2291, 0.3600, 0.2012)$

Have a look what the booklet for
Yxy(28.2291, 0.3600, 0.2012)
contains.

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Color

Yxy(28.1944, 0.3596, 0.2006)

Conversions

Conversions Part 1

Format	Color
Hex	F348CF
RGB	243, 72, 207
RGB Percent	95%, 28%, 81%
CMY	0.0471, 0.7176, 0.1882
CMYK	0.00, 0.70, 0.15, 0.05
HSL	313°, 88%, 62%
HSV	313°, 70%, 95%
XYZ	50.5419, 28.1944, 61.8140
YIQ	138.5190, 58.5810, 78.2370

Conversions

Conversions Part 2

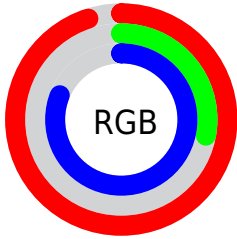
Format	Color
R_{YB}	243, 72, 207
Decimal	15943887
CIE _{Lab}	60.06, 77.22, -34.46
CIE _{LCh}	60, 84.559, 335.950
Yxy	28.1944, 0.3596, 0.2006
Android (android.graphics.Color)	4294133967 (0xFFFF348CF)
YUV	138.5190, 33.7611, 91.6298
Hunter-Lab	53.0984, 76.9837, -31.8531

Details

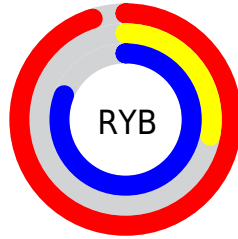
The Yxy color **28.1944, 0.3596, 0.2006** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **66.5608, 0.2900, 0.5158**, and the grayscale version is **25.4781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5302, 0.3181, 0.2136**, and **12.3343, 0.3690, 0.1806** is the 20% darker color. If you saturate the color by 10%, you get **25.4038, 0.3680, 0.1922**, and if you desaturate by 10%, it is **32.2365, 0.3512, 0.2133**.

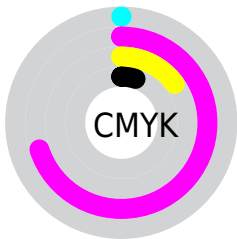
Distribution



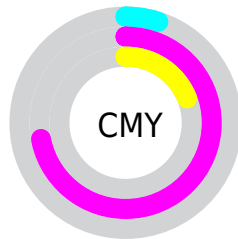
- Red (95%)
- Green (28%)
- Blue (81%)



- Red (95%)
- Yellow (28%)
- Blue (81%)



- Cyan (0%)
- Magenta (70%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (72%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1944, 0.3596, 0.2006 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 28.1944, 0.3596, 0.2006 by changing the saturation by 10% instead.


 28.1944, 0.3596,
0.2006


 28.1944, 0.3596,
0.2006


293.3947, 0.3380,
0.2615


 18.4723, 0.3643,
0.1866


 56.7947, 0.3522,
0.2219


 11.2896, 0.3700,
0.1694


 76.4416, 0.3493,
0.2301

 6.2620, 0.3769,
0.1480


 100.1655, 0.3468,
0.2372

 3.0050, 0.3851,
0.1208

 128.3509, 0.3446,
0.2434

 1.1344, 0.3946,
0.0864

161.3821, 0.3427,
0.2488

 0.0071, 0.4217,
0.0013

199.6435, 0.3409,


 0.0000, 0.4050,


0.2535


0.0000


243.5196, 0.3394,
0.2577

 0.0000, 0.0000,
0.0000

 28.1944, 0.3596,
0.2006

 28.1944, 0.3596,
0.2006


 25.4038, 0.3680,
0.1922


 32.2365, 0.3512,
0.2133


 23.7046, 0.3762,
0.1884


 37.6566, 0.3432,
0.2295

 22.8534, 0.3838,
0.1888


 44.5705, 0.3357,
0.2481


 53.0803, 0.3288,
0.2681

 63.2793, 0.3228,
0.2885

 75.2536, 0.3175,
0.3088

 89.0833, 0.3129,
0.3283

 97.3470, 0.3094,
0.3359

 97.6687, 0.3065,
0.3309

Harmonies

Analogous

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



28.1944, 0.2307, 0.1590



28.1944, 0.3596, 0.2006



28.1944, 0.5001, 0.2652

Triad

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



28.1944, 0.3596, 0.2006



28.1944, 0.4548, 0.5191



28.1944, 0.1089, 0.2313

Complementary

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



28.1944, 0.3596, 0.2006



66.5608, 0.2900, 0.5158

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.



28.1944, 0.1440, 0.3686



28.1944, 0.3596, 0.2006



28.1944, 0.3417, 0.5883

Square

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



28.1944, 0.3596, 0.2006



28.1944, 0.5439, 0.4240



28.1944, 0.2282, 0.5374



28.1944, 0.1126, 0.1653

Rectangle

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



28.1944, 0.3596, 0.2006



28.1944, 0.5588, 0.3145



28.1944, 0.2282, 0.5374



28.1944, 0.1156, 0.2684

Sweetspot

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



28.1958, 0.3596, 0.2006



69.7586, 0.3232, 0.2871



14.1840, 0.1959, 0.1136



14.2233, 0.3248, 0.2814



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.



28.1958, 0.3596, 0.2006



27.4809, 0.3712, 0.1902



25.1282, 0.4794, 0.2810



16.7050, 0.3170, 0.3105



12.5635, 0.3826, 0.1881



1.1188, 0.3733, 0.1830

Inverse Universe

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



28.1958, 0.3596, 0.2006



27.4809, 0.3712, 0.1902



69.2706, 0.2537, 0.3976



16.7050, 0.3170, 0.3105



12.5635, 0.3826, 0.1881



1.1188, 0.3733, 0.1830

Previews

White Background



This preview shows how the Yxy color 28.1944, 0.3596, 0.2006 looks on a white background.

Color Contrast Check

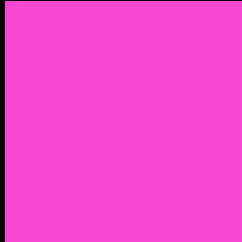
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1944, 0.3596, 0.2006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

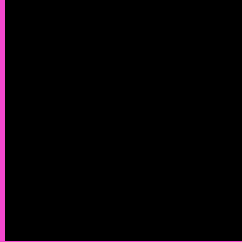
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1944, 0.3596, 0.2006

Background



This preview shows how black text looks on a background with the Yxy color 28.1944, 0.3596, 0.2006.



This preview shows how white text looks on a background with the Yxy color 28.1944, 0.3596, 0.2006.

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

28.1944, 0.3596, 0.2006

Protanopia

28.5969, 0.2017, 0.1797

Deuteranopia

28.4220, 0.2546, 0.2487



Tritanopia

28.0993, 0.4750, 0.3221

Trichromacy



Original Color

28.1944, 0.3596, 0.2006



Protanomaly

24.9597, 0.2374, 0.1748



Deuteranomaly

25.5976, 0.2863, 0.2174



Tritanomaly

27.5310, 0.4330, 0.2723

Monochromacy



Original Color

28.1944, 0.3596, 0.2006



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2889, 0.3314, 0.2600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1944, 0.3596, 0.2006 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(243, 72, 207)` looks like.

```
.text, #text, p{  
    color:rgb(243, 72, 207)  
}
```

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(243, 72, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 72, 207) }
```

Border

The CSS property to change the border of an element to Yxy 28.1944, 0.3596, 0.2006 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(243, 72, 207) }
```

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

```
.border{ border-color:rgb(243, 72, 207) }
```

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

Here you see how a box with a 4 pixel rgb(243, 72, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 72, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 72, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 72,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1944, 0.3596, 0.2006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 72, 207) }
```

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

```
.background{ background-color: rgb(243, 72,  
207) }
```

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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