

Converting Colors

Yxy(28.2394, 0.4011, 0.2232)

Have a look what the booklet for
Yxy(28.2394, 0.4011, 0.2232)
contains.

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Color

Yxy(28.2486, 0.4010, 0.2232)

Conversions

Conversions Part 1

Format	Color
Hex	FC44B7
RGB	252, 68, 183
RGB Percent	99%, 27%, 72%
CMY	0.0118, 0.7331, 0.2825
CMYK	0.00, 0.73, 0.27, 0.01
HSL	323°, 97%, 63%
HSV	323°, 73%, 99%
XYZ	50.7513, 28.2486, 47.5619
YIQ	136.1260, 72.7490, 74.7730

Conversions

Conversions Part 2

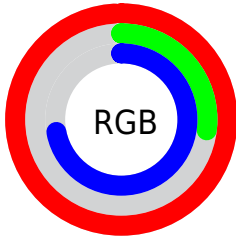
Format	Color
R _Y B	252, 68, 183
Decimal	16532663
CIE Lab	60.11, 77.57, -20.52
CIE LCh	60, 80.236, 345.181
Yxy	28.2486, 0.4010, 0.2232
Android (android.graphics.Color)	4294722743 (0xFFFC44B7)
YUV	136.1260, 23.1089, 101.6215
Hunter-Lab	53.1494, 77.4345, -15.8524

Details

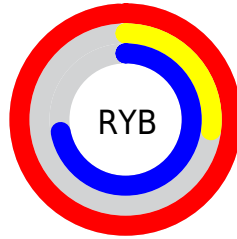
The Yxy color **28.2486, 0.4010, 0.2232** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **72.6467, 0.2783, 0.4847**, and the grayscale version is **24.5699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7246, 0.3324, 0.2238**, and **12.6881, 0.4223, 0.2100** is the 20% darker color. If you saturate the color by 10%, you get **25.4461, 0.4182, 0.2190**, and if you desaturate by 10%, it is **32.3892, 0.3843, 0.2321**.

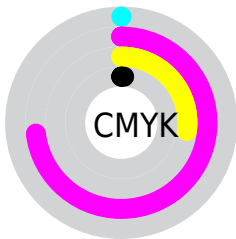
Distribution



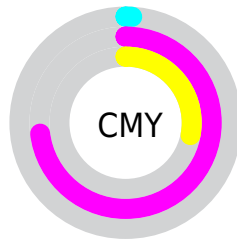
- Red (99%)
- Green (27%)
- Blue (72%)



- Red (99%)
- Yellow (27%)
- Blue (72%)



- Cyan (0%)
- Magenta (73%)
- Yellow (27%)
- Black (1%)





- Cyan (1%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2486, 0.4010, 0.2232 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 28.2486, 0.4010, 0.2232 by changing the saturation by 10% instead.


 28.2486, 0.4010,
0.2232


 28.2486, 0.4010,
0.2232


293.6529, 0.3561,
0.2752

 18.5131, 0.4123,
0.2107


 56.8811, 0.3846,
0.2418


 11.3190, 0.4269,
0.1950


 76.5469, 0.3784,
0.2488


 6.2818, 0.4463,
0.1748


 100.2917, 0.3732,
0.2549

 3.0172, 0.4732,
0.1480

 128.4997, 0.3688,
0.2601

 1.1407, 0.5124,
0.1119

 161.5555, 0.3650,
0.2646

 0.0125, 0.6098,
0.0031

199.8433, 0.3616,

 0.0000, 0.7784,

0.2685

0.0000

243.7477, 0.3587,
0.2720

■ 0.0000, 0.0000,
0.0000

■ 28.2486, 0.4010,
0.2232

■ 28.2486, 0.4010,
0.2232

■ 25.4461, 0.4182,
0.2190

■ 32.3892, 0.3843,
0.2321

■ 23.7959, 0.4352,
0.2201


■ 38.0132, 0.3687,
0.2445

■ 23.1410, 0.4469,
0.2235


■ 45.2514, 0.3546,
0.2594

■ 54.2192, 0.3422,
0.2756

■ 65.0213, 0.3315,
0.2923

 77.7539, 0.3224,
0.3087

 92.5066, 0.3148,
0.3244

 99.4316, 0.3109,
0.3290

Harmonies

Analogous

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



28.2486, 0.2682, 0.1746



28.2486, 0.4010, 0.2232



28.2486, 0.5218, 0.2907

Triad

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



28.2486, 0.4010, 0.2232



28.2486, 0.4203, 0.5393



28.2486, 0.1135, 0.2106

Complementary

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



28.2486, 0.4010, 0.2232



72.6467, 0.2783, 0.4847

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.



28.2486, 0.1357, 0.3201



28.2486, 0.4010, 0.2232



28.2486, 0.3089, 0.5756

Square

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



28.2486, 0.4010, 0.2232



28.2486, 0.5148, 0.4515



28.2486, 0.2037, 0.4815



28.2486, 0.1269, 0.1621

Rectangle

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



28.2486, 0.4010, 0.2232



28.2486, 0.5589, 0.3404



28.2486, 0.2037, 0.4815



28.2486, 0.1165, 0.2393

Sweetspot

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



28.2501, 0.4010, 0.2232



67.9986, 0.3306, 0.2939



16.3596, 0.2126, 0.1171



13.8576, 0.3333, 0.2894



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.



28.2501, 0.4010, 0.2232



25.1521, 0.4269, 0.2189



25.6152, 0.5343, 0.3099



17.4077, 0.3196, 0.3143



12.0862, 0.4442, 0.2221



1.1399, 0.4255, 0.2117

Inverse Universe

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



28.2501, 0.4010, 0.2232



25.1521, 0.4269, 0.2189



76.4101, 0.2405, 0.3594



17.4077, 0.3196, 0.3143



12.0862, 0.4442, 0.2221



1.1399, 0.4255, 0.2117

Previews

White Background



This preview shows how the Yxy color 28.2486, 0.4010, 0.2232 looks on a white background.

Color Contrast Check

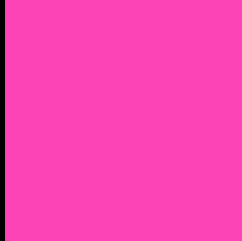
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2486, 0.4010, 0.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

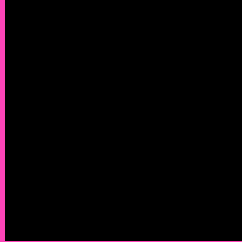
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2486, 0.4010, 0.2232

Background



This preview shows how black text looks on a background with the Yxy color 28.2486, 0.4010, 0.2232.



This preview shows how white text looks on a background with the Yxy color 28.2486, 0.4010, 0.2232.

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

28.2486, 0.4010, 0.2232

Protanopia

28.6448, 0.2156, 0.1981

Deuteranopia

28.4741, 0.2877, 0.2818



Tritanopia

28.1420, 0.5043, 0.3239

Trichromacy



Original Color

28.2486, 0.4010, 0.2232



Protanomaly

24.7970, 0.2612, 0.1946



Deuteranomaly

25.7501, 0.3258, 0.2462



Tritanomaly

27.9088, 0.4689, 0.2851

Monochromacy



Original Color

28.2486, 0.4010, 0.2232



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.1338, 0.3466, 0.2691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2486, 0.4010, 0.2232 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(252, 68, 183)` looks like.

```
.text, #text, p{  
    color:rgb(252, 68, 183)  
}
```

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(252, 68, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 68, 183) }
```

Border

The CSS property to change the border of an element to Yxy 28.2486, 0.4010, 0.2232 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(252, 68, 183) }
```

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

```
.border{ border-color:rgb(252, 68, 183) }
```

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

Here you see how a box with a 4 pixel rgb(252, 68, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 68, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 68, 183);  
box-shadow:4px 4px 4px 4px rgb(252, 68,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2486, 0.4010, 0.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 68, 183) }
```

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

```
.background{ background-color: rgb(252, 68,  
183) }
```

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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