

Converting Colors

Yxy(31.5646, 0.4265, 0.2358)

Have a look what the booklet for
Yxy(31.5646, 0.4265, 0.2358)
contains.

Yxy(28.6086, 0.4111, 0.2291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.6086, 0.4111, 0.2291)

Conversions

Conversions Part 1

Format	Color
Hex	FF44B2
RGB	255, 68, 178
RGB Percent	100%, 27%, 70%
CMY	0.0001, 0.7331, 0.3020
CMYK	0.00, 0.73, 0.30, 0.00
HSL	325°, 100%, 63%
HSV	325°, 73%, 100%
XYZ	51.3356, 28.6086, 44.9296
YIQ	136.4530, 76.1420, 73.8540

Conversions

Conversions Part 2

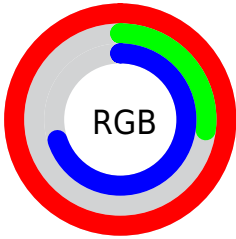
Format	Color
R _Y B	255, 68, 178
Decimal	16729266
CIE Lab	60.43, 77.73, -17.11
CIE LCh	60, 79.592, 347.583
Yxy	28.6086, 0.4111, 0.2291
Android (android.graphics.Color)	4294919346 (0xFFFF44B2)
YUV	136.4530, 20.4827, 103.9657
Hunter-Lab	53.4870, 77.7181, -12.3633

Details

The Yxy color **28.6086, 0.4111, 0.2291** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.7816, 0.2755, 0.4763**, and the grayscale version is **24.7080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4331, 0.3371, 0.2280**, and **12.9500, 0.4366, 0.2179** is the 20% darker color. If you saturate the color by 10%, you get **25.7592, 0.4306, 0.2259**, and if you desaturate by 10%, it is **32.8333, 0.3923, 0.2371**.

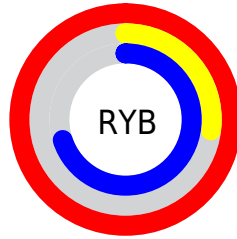
Distribution



Red (100%)

Green (27%)

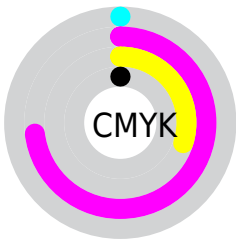
Blue (70%)



Red (100%)

Yellow (27%)

Blue (70%)

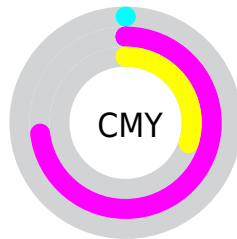


Cyan (0%)

Magenta (73%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6086, 0.4111, 0.2291 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 28.6086, 0.4111, 0.2291 by changing the saturation by 10% instead.


 28.6086, 0.4111,
0.2291


 28.6086, 0.4111,
0.2291


295.3637, 0.3605,
0.2786

 18.7849, 0.4240,
0.2171


 57.4546, 0.3925,
0.2469

 11.5150, 0.4408,
0.2019


 77.2458, 0.3855,
0.2536

 6.4143, 0.4633,
0.1821


 101.1283, 0.3797,
0.2594

 3.0986, 0.4947,
0.1558

 129.4864, 0.3747,
0.2643

 1.1834, 0.5413,
0.1196

 162.7046, 0.3704,
0.2686

 0.0481, 0.6529,
0.0126

201.1673, 0.3667,


 0.0000, 0.9535,


0.2723


0.0000


245.2589, 0.3634,
0.2756


 0.0000, 0.0000,
0.0000


 28.6086, 0.4111,
0.2291

 28.6086, 0.4111,
0.2291


 25.7592, 0.4306,
0.2259


 32.8333, 0.3923,
0.2371


 24.0921, 0.4498,
0.2280


 38.5839, 0.3748,
0.2487

 23.4563, 0.4623,
0.2320

 45.9958, 0.3591,
0.2627

 55.1884, 0.3453,
0.2781

 66.2699, 0.3335,
0.2938

 79.3398, 0.3235,
0.3093

 94.4907, 0.3152,
0.3243

99.9956, 0.3127,
0.3290

Harmonies

Analogous

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



28.6086, 0.2782, 0.1789



28.6086, 0.4111, 0.2291



28.6086, 0.5260, 0.2972

Triad

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



28.6086, 0.4111, 0.2291



28.6086, 0.4114, 0.5434



28.6086, 0.1150, 0.2062

Complementary

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



28.6086, 0.4111, 0.2291



74.7816, 0.2755, 0.4763

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.



28.6086, 0.1340, 0.3093



28.6086, 0.4111, 0.2291



28.6086, 0.3006, 0.5702

Square

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



28.6086, 0.4111, 0.2291



28.6086, 0.5072, 0.4584



28.6086, 0.1980, 0.4670



28.6086, 0.1309, 0.1617

Rectangle

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



28.6086, 0.4111, 0.2291



28.6086, 0.5578, 0.3470



28.6086, 0.1980, 0.4670



28.6086, 0.1171, 0.2330

Sweetspot

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



28.6101, 0.4111, 0.2291



67.8810, 0.3321, 0.2959



17.1829, 0.2169, 0.1186



13.8297, 0.3350, 0.2916



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.



28.6101, 0.4111, 0.2291



24.8484, 0.4396, 0.2262



26.0802, 0.5442, 0.3153



18.1664, 0.3202, 0.3151



12.2894, 0.4593, 0.2304



1.2183, 0.4391, 0.2193

Inverse Universe

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



28.6101, 0.4111, 0.2291



24.8484, 0.4396, 0.2262



78.8087, 0.2379, 0.3517



18.1664, 0.3202, 0.3151



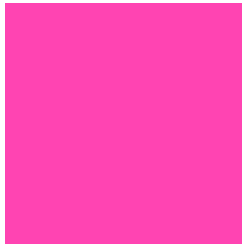
12.2894, 0.4593, 0.2304



1.2183, 0.4391, 0.2193

Previews

White Background



This preview shows how the Yxy color 28.6086, 0.4111, 0.2291 looks on a white background.

Color Contrast Check

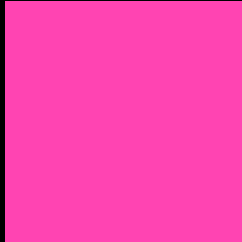
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6086, 0.4111, 0.2291 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 28.6086, 0.4111, 0.2291

Background



This preview shows how black text looks on a background with the Yxy color 28.6086, 0.4111, 0.2291.

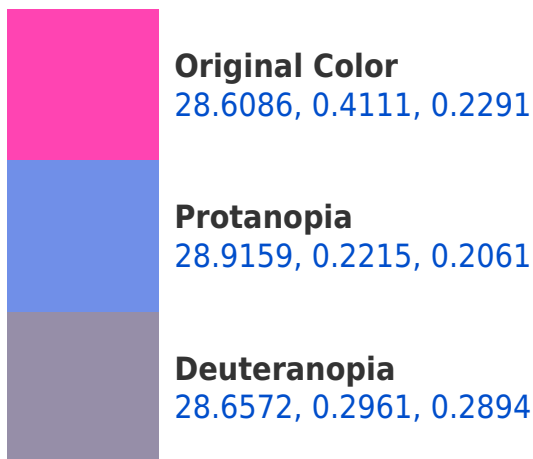


This preview shows how white text looks on a background with the Yxy color 28.6086, 0.4111, 0.2291.

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





Tritanopia

28.6571, 0.5109, 0.3250

Trichromacy



Original Color

28.6086, 0.4111, 0.2291



Protanomaly

25.1368, 0.2698, 0.2028



Deuteranomaly

25.9314, 0.3349, 0.2531



Tritanomaly

28.2021, 0.4781, 0.2890

Monochromacy



Original Color

28.6086, 0.4111, 0.2291



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.1870, 0.3504, 0.2721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6086, 0.4111, 0.2291 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, 68, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 178)  
}
```

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, 68, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 178) }
```

Border

The CSS property to change the border of an element to Yxy 28.6086, 0.4111, 0.2291 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, 68, 178) }
```

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

```
.border{ border-color:rgb(255, 68, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 68, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6086, 0.4111, 0.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 178) }
```

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

```
.background{ background-color: rgb(255, 68,  
178) }
```

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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