

Converting Colors

Yxy(35.2184, 0.4715, 0.2453)

Have a look what the booklet for
Yxy(35.2184, 0.4715, 0.2453)
contains.

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Color

Yxy(25.6422, 0.4286, 0.2236)

Conversions

Conversions Part 1

Format	Color
Hex	FF28A9
RGB	255, 40, 169
RGB Percent	100%, 16%, 66%
CMY	0.0001, 0.8427, 0.3373
CMYK	0.00, 0.84, 0.34, 0.00
HSL	324°, 100%, 58%
HSV	324°, 84%, 100%
XYZ	49.1514, 25.6422, 39.8853
YIQ	118.9910, 86.7310, 85.6990

Conversions

Conversions Part 2

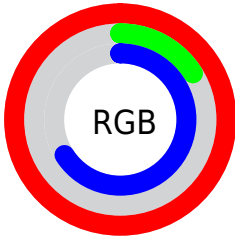
Format	Color
R _Y B	255, 40, 169
Decimal	16722089
CIE Lab	57.70, 83.68, -16.04
CIE LCh	58, 85.200, 349.148
Yxy	25.6422, 0.4286, 0.2236
Android (android.graphics.Color)	4294912169 (0xFFFF28A9)
YUV	118.9910, 24.6544, 119.2799
Hunter-Lab	50.6381, 84.6424, -11.2533

Details

The Yxy color **25.6422, 0.4286, 0.2236** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **73.4650, 0.2773, 0.5043**, and the grayscale version is **18.3623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4521, 0.3487, 0.2212**, and **12.6218, 0.4520, 0.2263** is the 20% darker color. If you saturate the color by 10%, you get **24.0811, 0.4471, 0.2260**, and if you desaturate by 10%, it is **28.3675, 0.4098, 0.2266**.

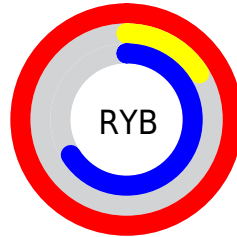
Distribution



Red (100%)

Green (16%)

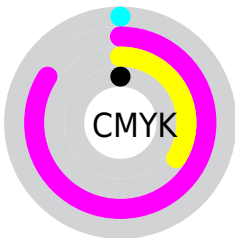
Blue (66%)



Red (100%)

Yellow (16%)

Blue (66%)

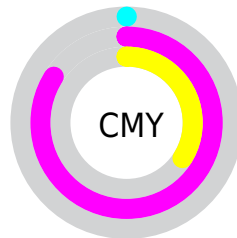


Cyan (0%)

Magenta (84%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6422, 0.4286, 0.2236 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 25.6422, 0.4286, 0.2236 by changing the saturation by 10% instead.


 25.6422, 0.4286,
0.2236


 25.6422, 0.4286,
0.2236


281.0212, 0.3679,
0.2766


 16.5562, 0.4445,
0.2105


 52.6972, 0.4060,
0.2428

 9.9186, 0.4651,
0.1939


 71.4349, 0.3977,
0.2500


 5.3450, 0.4932,
0.1722


 94.1586, 0.3907,
0.2562

 2.4511, 0.5328,
0.1432

 121.2527, 0.3848,
0.2614

 0.8520, 0.5922,
0.1034

 153.1017, 0.3797,
0.2660

 0.0000, 0.7237,
0.0000

190.0898, 0.3753,

 0.0000, 1.0000,

0.2700

0.0000

232.6015, 0.3714,
0.2735

■ 0.0000, 0.0000,
0.0000

■ 25.6422, 0.4286,
0.2236

■ 25.6422, 0.4286,
0.2236

■ 24.0811, 0.4471,
0.2260

■ 28.3675, 0.4098,
0.2266


■ 23.5524, 0.4574,
0.2293


■ 32.4457, 0.3916,
0.2344


■ 38.0356, 0.3746,
0.2460

■ 45.2730, 0.3592,
0.2601

■ 54.2782, 0.3456,
0.2756

 65.1603, 0.3340,
0.2916

 78.0197, 0.3241,
0.3075

 92.9492, 0.3158,
0.3227

99.9949, 0.3127,
0.3290

Harmonies

Analogous

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



25.6422, 0.2806, 0.1696



25.6422, 0.4286, 0.2236



25.6422, 0.5523, 0.2951

Triad

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



25.6422, 0.4286, 0.2236



25.6422, 0.4063, 0.5635



25.6422, 0.1013, 0.1901

Complementary

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



25.6422, 0.4286, 0.2236



73.4650, 0.2773, 0.5043

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.



25.6422, 0.1173, 0.2965



25.6422, 0.4286, 0.2236



25.6422, 0.2876, 0.5974

Square

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



25.6422, 0.4286, 0.2236



25.6422, 0.5136, 0.4662



25.6422, 0.1803, 0.4748



25.6422, 0.1200, 0.1475

Rectangle

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



25.6422, 0.4286, 0.2236



25.6422, 0.5809, 0.3467



25.6422, 0.1803, 0.4748



25.6422, 0.1024, 0.2168

Sweetspot

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



25.6436, 0.4286, 0.2236



64.3151, 0.3348, 0.2904



13.1829, 0.2012, 0.0967



12.9111, 0.3387, 0.2848



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.



25.6436, 0.4286, 0.2236



23.5581, 0.4574, 0.2293



23.1231, 0.5896, 0.3182



18.1700, 0.3200, 0.3148



12.3399, 0.4545, 0.2277



1.2231, 0.4351, 0.2170

Inverse Universe

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



25.6436, 0.4286, 0.2236



23.5581, 0.4574, 0.2293



77.8671, 0.2347, 0.3555



18.1700, 0.3200, 0.3148



12.3399, 0.4545, 0.2277



1.2231, 0.4351, 0.2170

Previews

White Background



This preview shows how the Yxy color 25.6422, 0.4286, 0.2236 looks on a white background.

Color Contrast Check

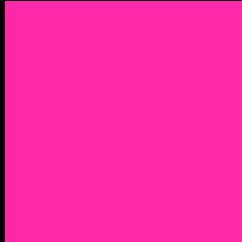
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6422, 0.4286, 0.2236 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 25.6422, 0.4286, 0.2236

Background



This preview shows how black text looks on a background with the Yxy color 25.6422, 0.4286, 0.2236.



This preview shows how white text looks on a background with the Yxy color 25.6422, 0.4286, 0.2236.

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

25.6422, 0.4286, 0.2236

Protanopia

26.1455, 0.2106, 0.1919

Deuteranopia

25.6362, 0.2983, 0.2923



Tritanopia

25.7219, 0.5466, 0.3273

Trichromacy



Original Color

25.6422, 0.4286, 0.2236



Protanomaly

20.9291, 0.2610, 0.1833



Deuteranomaly

21.9133, 0.3445, 0.2447



Tritanomaly

25.1022, 0.5099, 0.2885

Monochromacy



Original Color

25.6422, 0.4286, 0.2236



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

17.4433, 0.3602, 0.2584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6422, 0.4286, 0.2236 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, 40, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 40, 169)  
}
```

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, 40, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 40, 169) }
```

Border

The CSS property to change the border of an element to Yxy 25.6422, 0.4286, 0.2236 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, 40, 169) }
```

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

```
.border{ border-color:rgb(255, 40, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 40, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 40, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 40, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 40,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6422, 0.4286, 0.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 40, 169) }
```

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

```
.background{ background-color: rgb(255, 40,  
169) }
```

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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