

Converting Colors

$Yxy(24.8714, 0.4034, 0.1996)$

Have a look what the booklet for
Yxy(24.8714, 0.4034, 0.1996)
contains.

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Color

Yxy(24.8908, 0.4027, 0.1992)

Conversions

Conversions Part 1

Format	Color
Hex	FF00BC
RGB	255, 0, 188
RGB Percent	100%, 0%, 74%
CMY	0.0000, 0.9999, 0.2626
CMYK	0.00, 1.00, 0.26, 0.00
HSL	316°, 100%, 50%
HSV	316°, 100%, 100%
XYZ	50.3189, 24.8908, 49.7441
YIQ	97.6770, 91.6320, 112.5280

Conversions

Conversions Part 2

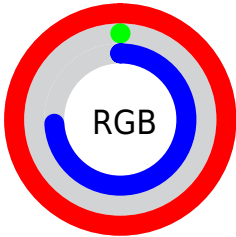
Format	Color
R_{YB}	255, 0, 188
Decimal	16711868
CIE _{Lab}	56.97, 89.96, -28.23
CIE _{LCh}	57, 94.287, 342.579
Yxy	24.8908, 0.4027, 0.1992
Android (android.graphics.Color)	4294901948 (0xFFFF00BC)
YUV	97.6770, 44.5292, 137.9723
Hunter-Lab	49.8907, 92.7234, -24.1923

Details

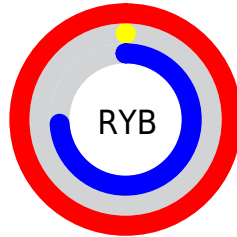
The Yxy color **24.8908, 0.4027, 0.1992** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **71.9245, 0.2920, 0.5711**, and the grayscale version is **12.0039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2944, 0.3295, 0.1972**, and **13.0587, 0.4171, 0.2071** is the 20% darker color. If you saturate the color by 10%, you get **24.8915, 0.4027, 0.1992**, and if you desaturate by 10%, it is **25.9051, 0.3923, 0.1976**.

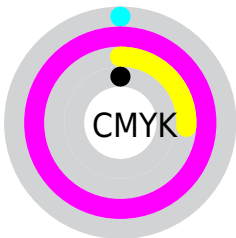
Distribution



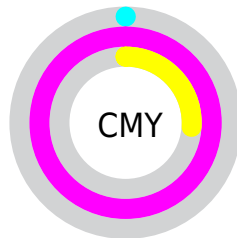
- Red (100%)
- Green (0%)
- Blue (74%)



- Red (100%)
- Yellow (0%)
- Blue (74%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8908, 0.4027, 0.1992 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 24.8908, 0.4027, 0.1992 by changing the saturation by 10% instead.


 24.8908, 0.4027,
0.1992


 24.8908, 0.4027,
0.1992


277.2937, 0.3576,
0.2621


 15.9957, 0.4138,
0.1844


 51.4800, 0.3864,
0.2214

 9.5211, 0.4279,
0.1662


 69.9429, 0.3802,
0.2300

 5.0826, 0.4463,
0.1432


 92.3639, 0.3750,
0.2373

 2.2958, 0.4710,
0.1138

 119.1274, 0.3705,
0.2436

 0.7715, 0.5055,
0.0760

 150.6177, 0.3667,
0.2491

 0.0000, 0.5725,
0.0000

187.2192, 0.3633,

 0.0000, 0.6720,

0.2539

0.0000

229.3164, 0.3603,
0.2582

■ 0.0000, 0.0000,
0.0000

■ 24.8908, 0.4027,
0.1992

■ 24.8908, 0.4027,
0.1992

■ 24.8915, 0.4027,
0.1992

■ 25.9051, 0.3923,
0.1976

■ 27.8659, 0.3815,
0.2005

■ 31.0603, 0.3705,
0.2082

■ 35.6629, 0.3597,
0.2203

■ 41.8206, 0.3496,
0.2357

■ 49.6613, 0.3402,
0.2534

■ 59.2999, 0.3318,
0.2724

■ 70.8411, 0.3245,
0.2917

■ 84.3814, 0.3181,
0.3107

Harmonies

Analogous

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



24.8908, 0.2460, 0.1487



24.8908, 0.4027, 0.1992



24.8908, 0.5562, 0.2710

Triad

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



24.8908, 0.4027, 0.1992



24.8908, 0.4328, 0.5575



24.8908, 0.0869, 0.1932

Complementary

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



24.8908, 0.4027, 0.1992



71.9245, 0.2920, 0.5711

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.



24.8908, 0.1103, 0.3278



24.8908, 0.4027, 0.1992



24.8908, 0.3048, 0.6331

Square

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



24.8908, 0.4027, 0.1992



24.8908, 0.5459, 0.4438



24.8908, 0.1866, 0.5394



24.8908, 0.0994, 0.1387

Rectangle

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



24.8908, 0.4027, 0.1992



24.8908, 0.6028, 0.3227



24.8908, 0.1866, 0.5394



24.8908, 0.0900, 0.2269

Sweetspot

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



24.8922, 0.4027, 0.1992



59.2929, 0.3318, 0.2724



8.3024, 0.1630, 0.0672



11.7730, 0.3353, 0.2643



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.



24.8922, 0.4027, 0.1992



24.8918, 0.4027, 0.1992



21.6276, 0.5975, 0.3065



18.2141, 0.3178, 0.3116



13.0324, 0.4010, 0.1983



1.2869, 0.3898, 0.1921

Inverse Universe

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



24.8922, 0.4027, 0.1992



24.8918, 0.4027, 0.1992



75.2921, 0.2482, 0.4135



18.2141, 0.3178, 0.3116



13.0324, 0.4010, 0.1983



1.2869, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 24.8908, 0.4027, 0.1992 looks on a white background.

Color Contrast Check

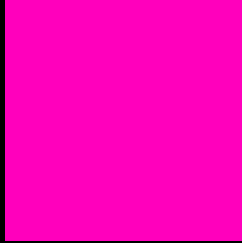
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8908, 0.4027, 0.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

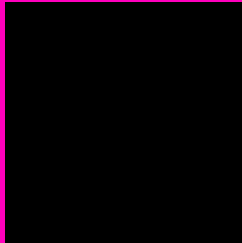
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8908, 0.4027, 0.1992

Background



This preview shows how black text looks on a background with the Yxy color 24.8908, 0.4027, 0.1992.



This preview shows how white text looks on a background with the Yxy color 24.8908, 0.4027, 0.1992.

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

24.8908, 0.4027, 0.1992

Protanopia

25.7661, 0.1923, 0.1681

Deuteranopia

25.2878, 0.2701, 0.2641



Tritanopia

25.2218, 0.5460, 0.3265

Trichromacy



Original Color

24.8908, 0.4027, 0.1992



Protanomaly

17.8420, 0.2300, 0.1440



Deuteranomaly

19.1810, 0.3136, 0.2041



Tritanomaly

23.6650, 0.5037, 0.2727

Monochromacy



Original Color

24.8908, 0.4027, 0.1992



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

12.0525, 0.3570, 0.2225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8908, 0.4027, 0.1992 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, 0, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 188)  
}
```

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, 0, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 188) }
```

Border

The CSS property to change the border of an element to Yxy 24.8908, 0.4027, 0.1992 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, 0, 188) }
```

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

```
.border{ border-color:rgb(255, 0, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8908, 0.4027, 0.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 188) }
```

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

```
.background{ background-color: rgb(255, 0,  
188) }
```

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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