

Converting Colors

Yxy(26.7842, 0.3917, 0.2024)

Have a look what the booklet for
Yxy(26.7842, 0.3917, 0.2024)
contains.

Yxy(26.7409, 0.3923, 0.2026)	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(26.7409, 0.3923, 0.2026)

Conversions

Conversions Part 1

Format	Color
Hex	FF29C2
RGB	255, 41, 194
RGB Percent	100%, 16%, 76%
CMY	0.0000, 0.8395, 0.2392
CMYK	0.00, 0.84, 0.24, 0.00
HSL	317°, 100%, 58%
HSV	317°, 84%, 100%
XYZ	51.7791, 26.7409, 53.4686
YIQ	122.4280, 78.4310, 92.9510

Conversions

Conversions Part 2

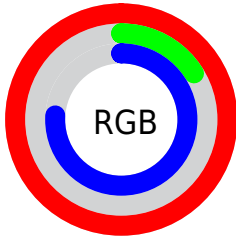
Format	Color
R_{YB}	255, 41, 194
Decimal	16722370
CIE _{Lab}	58.73, 86.23, -28.94
CIE _{LCh}	59, 90.957, 341.449
Yxy	26.7409, 0.3923, 0.2026
Android (android.graphics.Color)	4294912450 (0xFFFF29C2)
YUV	122.4280, 35.2850, 116.2656
Hunter-Lab	51.7116, 88.2378, -25.1064

Details

The Yxy color **26.7409, 0.3923, 0.2026** 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 **72.9480, 0.2860, 0.5341**, and the grayscale version is **19.4579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4865, 0.3224, 0.2015**, and **13.2309, 0.4055, 0.2007** is the 20% darker color. If you saturate the color by 10%, you get **25.1902, 0.4041, 0.2021**, and if you desaturate by 10%, it is **29.4364, 0.3801, 0.2080**.

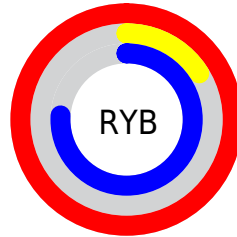
Distribution



Red (100%)

Green (16%)

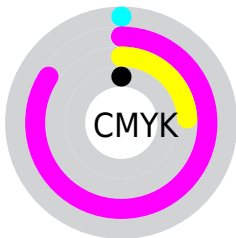
Blue (76%)



Red (100%)

Yellow (16%)

Blue (76%)

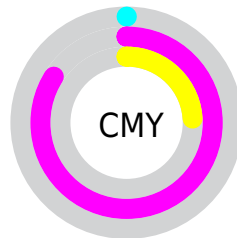


Cyan (0%)

Magenta (84%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (84%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7409, 0.3923, 0.2026 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 26.7409, 0.3923, 0.2026 by changing the saturation by 10% instead.

 26.7409, 0.3923,
0.2026


 26.7409, 0.3923,
0.2026


286.4004, 0.3530,
0.2634


 17.3787, 0.4018,
0.1885


 54.4678, 0.3782,
0.2240


 10.5049, 0.4137,
0.1710


 73.6013, 0.3729,
0.2322


 5.7350, 0.4292,
0.1490


 96.7608, 0.3683,
0.2393

 2.6846, 0.4497,
0.1209

 124.3305, 0.3644,
0.2454

 0.9694, 0.4777,
0.0849

 156.6950, 0.3610,
0.2507

 0.0000, 0.5389,
0.0000

194.2385, 0.3580,

 0.0000, 0.5809,

0.2554

0.0000

237.3455, 0.3554,
0.2596

0.0000, 0.0000,
0.0000

26.7409, 0.3923,
0.2026

26.7409, 0.3923,
0.2026

25.1902, 0.4041,
0.2021

29.4364, 0.3801,
0.2080

24.6511, 0.4111,
0.2038

33.4825, 0.3682,
0.2181


39.0306, 0.3567,
0.2320

46.2153, 0.3462,
0.2485

55.1564, 0.3367,
0.2666

 65.9622, 0.3283,
0.2853

 78.7324, 0.3211,
0.3040

 93.5596, 0.3149,
0.3221

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.7409, 0.2452, 0.1543



26.7409, 0.3923, 0.2026



26.7409, 0.5389, 0.2725

Triad

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



26.7409, 0.3923, 0.2026



26.7409, 0.4366, 0.5461



26.7409, 0.0949, 0.2039

Complementary

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



26.7409, 0.3923, 0.2026



72.9480, 0.2860, 0.5341

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.



26.7409, 0.1209, 0.3363



26.7409, 0.3923, 0.2026



26.7409, 0.3145, 0.6155

Square

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



26.7409, 0.3923, 0.2026



26.7409, 0.5421, 0.4406



26.7409, 0.1984, 0.5317



26.7409, 0.1057, 0.1475

Rectangle

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



26.7409, 0.3923, 0.2026



26.7409, 0.5876, 0.3236



26.7409, 0.1984, 0.5317



26.7409, 0.0989, 0.2378

Sweetspot

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



26.7359, 0.3923, 0.2026



64.7354, 0.3291, 0.2834



11.6016, 0.1847, 0.0883



13.0119, 0.3320, 0.2768



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.



26.7359, 0.3923, 0.2026



24.6511, 0.4111, 0.2038



23.5343, 0.5567, 0.2994



18.2069, 0.3182, 0.3122



12.9077, 0.4092, 0.2028



1.2756, 0.3967, 0.1959

Inverse Universe

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



26.7359, 0.3923, 0.2026



24.6511, 0.4111, 0.2038



76.5746, 0.2443, 0.3887



18.2069, 0.3182, 0.3122



12.9077, 0.4092, 0.2028



1.2756, 0.3967, 0.1959

Previews

White Background



This preview shows how the Yxy color 26.7409, 0.3923, 0.2026 looks on a white background.

Color Contrast Check

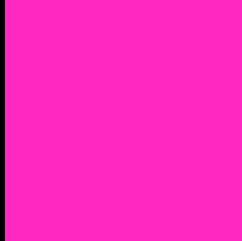
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7409, 0.3923, 0.2026 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 26.7409, 0.3923, 0.2026

Background



This preview shows how black text looks on a background with the Yxy color 26.7409, 0.3923, 0.2026.



This preview shows how white text looks on a background with the Yxy color 26.7409, 0.3923, 0.2026.

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

26.7409, 0.3923, 0.2026

Protanopia

27.3283, 0.1974, 0.1747

Deuteranopia

26.9110, 0.2686, 0.2628



Tritanopia

26.8194, 0.5264, 0.3261

Trichromacy



Original Color

26.7409, 0.3923, 0.2026



Protanomaly

21.7867, 0.2375, 0.1638



Deuteranomaly

22.7106, 0.3086, 0.2185



Tritanomaly

25.9905, 0.4821, 0.2764

Monochromacy



Original Color

26.7409, 0.3923, 0.2026



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

18.5129, 0.3464, 0.2482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7409, 0.3923, 0.2026 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, 41, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 194)  
}
```

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, 41, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 194) }
```

Border

The CSS property to change the border of an element to Yxy 26.7409, 0.3923, 0.2026 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, 41, 194) }
```

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

```
.border{ border-color:rgb(255, 41, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7409, 0.3923, 0.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 194) }
```

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

```
.background{ background-color: rgb(255, 41,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor