

Converting Colors

$Y_{xy}(26.1029, 0.3955, 0.2013)$

Have a look what the booklet for
Yxy(26.1029, 0.3955, 0.2013)
contains.

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Color

Yxy(26.0988, 0.3957, 0.2014)

Conversions

Conversions Part 1

Format	Color
Hex	FF20C0
RGB	255, 32, 192
RGB Percent	100%, 13%, 75%
CMY	0.0000, 0.8747, 0.2470
CMYK	0.00, 0.87, 0.25, 0.00
HSL	317°, 100%, 56%
HSV	317°, 87%, 100%
XYZ	51.2775, 26.0988, 52.2106
YIQ	116.9170, 81.5480, 97.0360

Conversions

Conversions Part 2

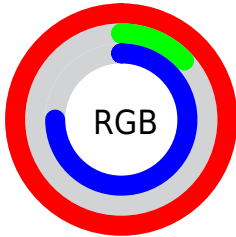
Format	Color
R _Y B	255, 32, 192
Decimal	16720064
CIE Lab	58.13, 87.51, -28.73
CIE LCh	58, 92.103, 341.824
Yxy	26.0988, 0.3957, 0.2014
Android (android.graphics.Color)	4294910144 (0xFFFF20C0)
YUV	116.9170, 37.0159, 121.0988
Hunter-Lab	51.0870, 89.7636, -24.8331

Details

The Yxy color **26.0988, 0.3957, 0.2014** 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 **72.6511, 0.2870, 0.5427**, and the grayscale version is **17.6158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4684, 0.3244, 0.2000**, and **13.1724, 0.4093, 0.2028** is the 20% darker color. If you saturate the color by 10%, you get **24.8946, 0.4072, 0.2026**, and if you desaturate by 10%, it is **28.3636, 0.3838, 0.2051**.

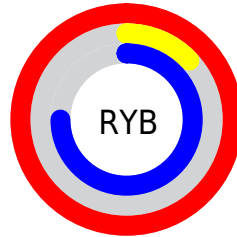
Distribution



Red (100%)

Green (13%)

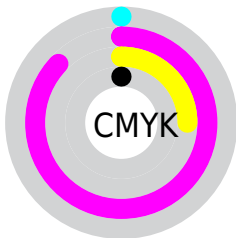
Blue (75%)



Red (100%)

Yellow (13%)

Blue (75%)

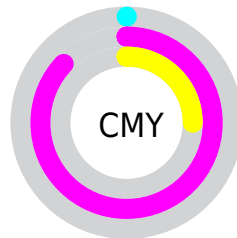


Cyan (0%)

Magenta (87%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0988, 0.3957, 0.2014 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 26.0988, 0.3957, 0.2014 by changing the saturation by 10% instead.


 26.0988, 0.3957,
0.2014


 26.0988, 0.3957,
0.2014


283.2667, 0.3545,
0.2629


 16.8976, 0.4057,
0.1870


 53.4343, 0.3809,
0.2231


 10.1615, 0.4184,
0.1693


 72.3373, 0.3753,
0.2314


 5.5062, 0.4347,
0.1470


 95.2431, 0.3705,
0.2385

 2.5472, 0.4566,
0.1184

 122.5360, 0.3664,
0.2447

 0.9002, 0.4866,
0.0820

 154.6004, 0.3629,
0.2501

 0.0000, 0.5496,
0.0000

191.8208, 0.3597,

 0.0000, 0.6058,

0.2549

0.0000

234.5814, 0.3570,
0.2591

■ 0.0000, 0.0000,
0.0000

■ 26.0988, 0.3957,
0.2014

■ 26.0988, 0.3957,
0.2014

■ 24.8946, 0.4072,
0.2026

■ 28.3636, 0.3838,
0.2051

■ 24.6785, 0.4101,
0.2033

■ 31.9141, 0.3718,
0.2137

■ 36.9141, 0.3603,
0.2264

■ 43.5049, 0.3495,
0.2422

■ 51.8111, 0.3397,
0.2599

61.9446, 0.3310,
0.2785

74.0080, 0.3234,
0.2974

88.0961, 0.3169,
0.3158

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.



26.0988, 0.2454, 0.1523



26.0988, 0.3957, 0.2014



26.0988, 0.5447, 0.2719

Triad

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



26.0988, 0.3957, 0.2014



26.0988, 0.4353, 0.5498



26.0988, 0.0921, 0.2003

Complementary

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



26.0988, 0.3957, 0.2014



72.6511, 0.2870, 0.5427

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.



26.0988, 0.1173, 0.3336



26.0988, 0.3957, 0.2014



26.0988, 0.3114, 0.6215

Square

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



26.0988, 0.3957, 0.2014



26.0988, 0.5434, 0.4416



26.0988, 0.1945, 0.5344



26.0988, 0.1035, 0.1445

Rectangle

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



26.0988, 0.3957, 0.2014



26.0988, 0.5928, 0.3233



26.0988, 0.1945, 0.5344



26.0988, 0.0958, 0.2342

Sweetspot

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



26.0962, 0.3957, 0.2014



63.5985, 0.3298, 0.2813



10.4957, 0.1779, 0.0815



12.7947, 0.3326, 0.2748



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.



26.0962, 0.3957, 0.2014



24.6785, 0.4101, 0.2033



22.9299, 0.5644, 0.2985



18.2077, 0.3182, 0.3121



12.9219, 0.4083, 0.2023



1.2769, 0.3959, 0.1955

Inverse Universe

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



26.0962, 0.3957, 0.2014



24.6785, 0.4101, 0.2033



76.1357, 0.2455, 0.3967



18.2077, 0.3182, 0.3121



12.9219, 0.4083, 0.2023



1.2769, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 26.0988, 0.3957, 0.2014 looks on a white background.

Color Contrast Check

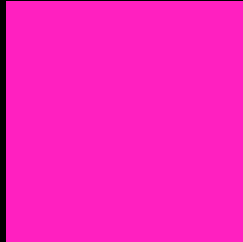
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0988, 0.3957, 0.2014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

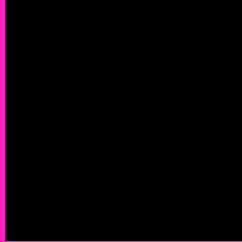
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0988, 0.3957, 0.2014

Background



This preview shows how black text looks on a background with the Yxy color 26.0988, 0.3957, 0.2014.



This preview shows how white text looks on a background with the Yxy color 26.0988, 0.3957, 0.2014.

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

26.0988, 0.3957, 0.2014

Protanopia

26.5776, 0.1952, 0.1715

Deuteranopia

26.3778, 0.2682, 0.2636



Tritanopia

26.1516, 0.5343, 0.3263

Trichromacy



Original Color

26.0988, 0.3957, 0.2014



Protanomaly

20.4909, 0.2348, 0.1581



Deuteranomaly

21.7315, 0.3098, 0.2154



Tritanomaly

25.3091, 0.4902, 0.2771

Monochromacy



Original Color

26.0988, 0.3957, 0.2014



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.8847, 0.3494, 0.2428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0988, 0.3957, 0.2014 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, 32, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 32, 192)  
}
```

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, 32, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 32, 192) }
```

Border

The CSS property to change the border of an element to Yxy 26.0988, 0.3957, 0.2014 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, 32, 192) }
```

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

```
.border{ border-color:rgb(255, 32, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 32, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 32, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 32, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 32,  
192) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0988, 0.3957, 0.2014$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 32, 192) }
```

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

```
.background{ background-color: rgb(255, 32,  
192) }
```

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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