

Converting Colors

$Y_{xy}(40.1904, 0.3539, 0.2578)$

Have a look what the booklet for
Yxy(40.1904, 0.3539, 0.2578)
contains.

Yxy(40.3979, 0.3539, 0.2580)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.3979, 0.3539, 0.2580)

Conversions

Conversions Part 1

Format	Color
Hex	F088CA
RGB	240, 136, 202
RGB Percent	94%, 53%, 79%
CMY	0.0586, 0.4668, 0.2077
CMYK	0.00, 0.43, 0.16, 0.06
HSL	322°, 78%, 74%
HSV	322°, 43%, 94%
XYZ	55.4140, 40.3979, 60.7691
YIQ	174.6200, 40.7980, 42.5740

Conversions

Conversions Part 2

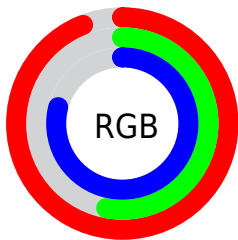
Format	Color
R _Y B	240, 136, 202
Decimal	15763658
CIE Lab	69.75, 48.08, -16.82
CIE LCh	70, 50.935, 340.720
Yxy	40.3979, 0.3539, 0.2580
Android (android.graphics.Color)	4293953738 (0xFFFF088CA)
YUV	174.6200, 13.4983, 57.3383
Hunter-Lab	63.5593, 44.3958, -12.1956

Details

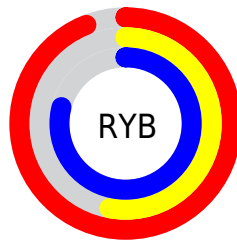
The Yxy color **40.3979, 0.3539, 0.2580** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.6358, 0.2868, 0.4138**, and the grayscale version is **42.5764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7416, 0.3157, 0.2663**, and **18.2697, 0.3645, 0.2401** is the 20% darker color. If you saturate the color by 10%, you get **33.9766, 0.3676, 0.2430**, and if you desaturate by 10%, it is **48.3604, 0.3418, 0.2744**.

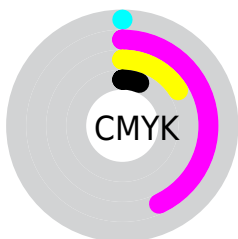
Distribution



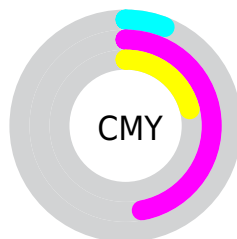
- Red (94%)
- Green (53%)
- Blue (79%)



- Red (94%)
- Yellow (53%)
- Blue (79%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (6%)




- Cyan (6%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3979, 0.3539, 0.2580 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 40.3979, 0.3539, 0.2580 by changing the saturation by 10% instead.


 40.3979, 0.3539,
0.2580


 40.3979, 0.3539,
0.2580


347.7978, 0.3339,
0.2921

 27.8489, 0.3587,
0.2499


 75.7690, 0.3468,
0.2701

 18.2118, 0.3647,
0.2398


 99.3600, 0.3441,
0.2747

 11.1022, 0.3726,
0.2268


 127.4004, 0.3417,
0.2786

 6.1356, 0.3832,
0.2095

160.2746, 0.3398,
0.2821

 2.9277, 0.3981,
0.1855

198.3671, 0.3380,
0.2850

 1.0941, 0.4206,
0.1503

242.0622, 0.3365,

 0.0000, 0.5061,

0.2877

0.0000

291.7443, 0.3351,
0.2900

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 40.3979, 0.3539,
0.2580

■ 40.3979, 0.3539,
0.2580

■ 33.9766, 0.3676,
0.2430

■ 48.3604, 0.3418,
0.2744

■ 28.9881, 0.3827,
0.2304

■ 57.9516, 0.3314,
0.2912

■ 25.3191, 0.3988,
0.2215

■ 69.2592, 0.3225,
0.3078

■ 22.8361, 0.4154,
0.2172

■ 82.3629, 0.3150,
0.3238

■ 21.3773, 0.4318,
0.2181

■ 96.6996, 0.3087,
0.3380

■ 20.8120, 0.4424,
0.2211

■ 97.2506, 0.3038,
0.3293

■ 97.2735, 0.3036,
0.3290

Harmonies

Analogous

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



40.3979, 0.2788, 0.2265



40.3979, 0.3539, 0.2580



40.3979, 0.4236, 0.3045

Triad

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



40.3979, 0.3539, 0.2580



40.3979, 0.4007, 0.4557



40.3979, 0.1854, 0.2715

Complementary

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



40.3979, 0.3539, 0.2580



70.6358, 0.2868, 0.4138

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.



40.3979, 0.2099, 0.3417



40.3979, 0.3539, 0.2580



40.3979, 0.3324, 0.4639

Square

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



40.3979, 0.3539, 0.2580



40.3979, 0.4487, 0.4131



40.3979, 0.2625, 0.4195



40.3979, 0.1896, 0.2293

Rectangle

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



40.3979, 0.3539, 0.2580



40.3979, 0.4525, 0.3402



40.3979, 0.2625, 0.4195



40.3979, 0.1903, 0.2922

Sweetspot

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



40.3998, 0.3539, 0.2580



79.8873, 0.3222, 0.3083



32.7108, 0.2587, 0.2032



16.4440, 0.3240, 0.3047



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.



40.3998, 0.3539, 0.2580



39.7608, 0.3659, 0.2447



38.3878, 0.4095, 0.3120



15.9277, 0.3194, 0.3141



11.4142, 0.4399, 0.2197



0.9686, 0.4201, 0.2088

Inverse Universe

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



40.3998, 0.3539, 0.2580



39.7608, 0.3659, 0.2447



72.9855, 0.2613, 0.3478



15.9277, 0.3194, 0.3141



11.4142, 0.4399, 0.2197



0.9686, 0.4201, 0.2088

Previews

White Background



This preview shows how the Yxy color 40.3979, 0.3539, 0.2580 looks on a white background.

Color Contrast Check

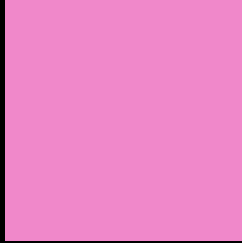
Large Text (above 18pt) WCAG AA × Fail

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 40.3979, 0.3539, 0.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

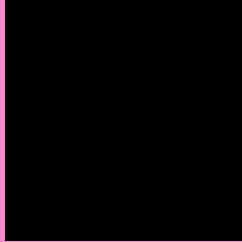
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3979, 0.3539, 0.2580

Background



This preview shows how black text looks on a background with the Yxy color 40.3979, 0.3539, 0.2580.



This preview shows how white text looks on a background with the Yxy color 40.3979, 0.3539, 0.2580.

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

40.3979, 0.3539, 0.2580

Protanopia

40.8801, 0.2604, 0.2566

Deuteranopia

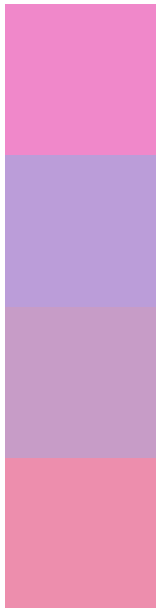
40.7826, 0.2952, 0.2895



Tritanopia

40.3133, 0.3959, 0.3167

Trichromacy



Original Color

40.3979, 0.3539, 0.2580

Protanomaly

39.6885, 0.2895, 0.2549

Deuteranomaly

40.0426, 0.3152, 0.2759

Tritanomaly

40.3677, 0.3803, 0.2945

Monochromacy



Original Color

40.3979, 0.3539, 0.2580

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.1346, 0.3273, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3979, 0.3539, 0.2580 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(240, 136, 202)` looks like.

```
.text, #text, p{  
    color:rgb(240, 136, 202)  
}
```

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(240, 136, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 136, 202) }
```

Border

The CSS property to change the border of an element to Yxy 40.3979, 0.3539, 0.2580 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(240, 136, 202) }
```

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

```
.border{ border-color:rgb(240, 136, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 136, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 136, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 136, 202);  
box-shadow:4px 4px 4px 4px rgb(240, 136,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3979, 0.3539, 0.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 136, 202) }
```

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

```
.background{ background-color: rgb(240,  
136, 202) }
```

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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