

Converting Colors

$Y_{xy}(43.0955, 0.3608, 0.2532)$

Have a look what the booklet for
Yxy(43.0955, 0.3608, 0.2532)
contains.

Yxy(43.1914, 0.3612, 0.2540)	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(43.1914, 0.3612, 0.2540)

Conversions

Conversions Part 1

Format	Color
Hex	FF87D1
RGB	255, 135, 209
RGB Percent	100%, 53%, 82%
CMY	0.0000, 0.4706, 0.1803
CMYK	0.00, 0.47, 0.18, 0.00
HSL	323°, 100%, 76%
HSV	323°, 47%, 100%
XYZ	61.4202, 43.1914, 65.4333
YIQ	179.3160, 47.7660, 48.4540

Conversions

Conversions Part 2

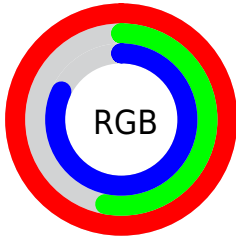
Format	Color
R _Y B	255, 135, 209
Decimal	16746449
CIE Lab	71.68, 54.32, -17.60
CIE LCh	72, 57.103, 342.054
Yxy	43.1914, 0.3612, 0.2540
Android (android.graphics.Color)	4294936529 (0xFFFF87D1)
YUV	179.3160, 14.6342, 66.3749
Hunter-Lab	65.7202, 51.8108, -13.0271

Details

The Yxy color **43.1914, 0.3612, 0.2540** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.0049, 0.2841, 0.4202**, and the grayscale version is **45.1547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7416, 0.3157, 0.2663**, and **19.8062, 0.3746, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **36.4371, 0.3763, 0.2401**, and if you desaturate by 10%, it is **51.6749, 0.3478, 0.2696**.

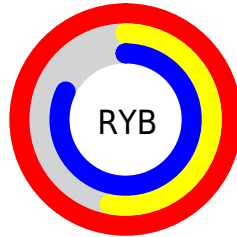
Distribution



Red (100%)

Green (53%)

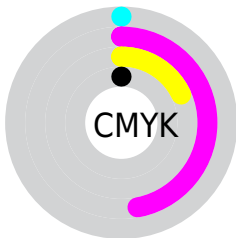
Blue (82%)



Red (100%)

Yellow (53%)

Blue (82%)

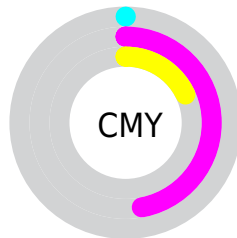


Cyan (0%)

Magenta (47%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1914, 0.3612, 0.2540 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 43.1914, 0.3612, 0.2540 by changing the saturation by 10% instead.


 43.1914, 0.3612,
0.2540


 43.1914, 0.3612,
0.2540

359.3983, 0.3379,
0.2895

 30.0353, 0.3667,
0.2458


 79.9996, 0.3530,
0.2664

 19.8654, 0.3737,
0.2355


 104.4205, 0.3498,
0.2712

 12.2972, 0.3826,
0.2225


 133.3652, 0.3471,
0.2753

 6.9464, 0.3945,
0.2054

167.2180, 0.3448,
0.2789

 3.4286, 0.4112,
0.1820

206.3633, 0.3427,
0.2820

 1.3594, 0.4359,
0.1488

251.1855, 0.3409,

 0.1865, 0.4988,

0.2848

0.0550

302.0691, 0.3393,
0.2873

0.0000, 0.6645,
0.0000

0.0000, 0.0000,
0.0000

43.1914, 0.3612,
0.2540

43.1914, 0.3612,
0.2540

36.4371, 0.3763,
0.2401

51.6749, 0.3478,
0.2696

31.2939, 0.3928,
0.2291

62.0058, 0.3361,
0.2860

27.6191, 0.4103,
0.2222

74.2844, 0.3262,
0.3024

25.2471, 0.4280,
0.2204

88.6056, 0.3178,
0.3183

■ 23.9666, 0.4452,
0.2238

100.0000, 0.3127,
0.3290

■ 23.7046, 0.4502,
0.2254

Harmonies

Analogous

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



43.1914, 0.2786, 0.2195



43.1914, 0.3612, 0.2540



43.1914, 0.4371, 0.3041

Triad

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



43.1914, 0.3612, 0.2540



43.1914, 0.4041, 0.4681



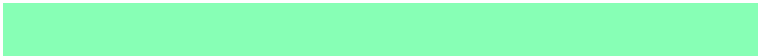
43.1914, 0.1747, 0.2627

Complementary

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



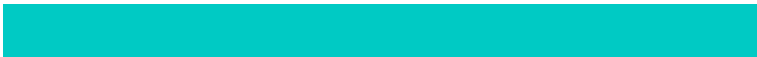
43.1914, 0.3612, 0.2540



80.0049, 0.2841, 0.4202

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.



43.1914, 0.1991, 0.3383



43.1914, 0.3612, 0.2540



43.1914, 0.3293, 0.4772

Square

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



43.1914, 0.3612, 0.2540



43.1914, 0.4586, 0.4209



43.1914, 0.2541, 0.4259



43.1914, 0.1807, 0.2194

Rectangle

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



43.1914, 0.3612, 0.2540



43.1914, 0.4671, 0.3424



43.1914, 0.2541, 0.4259



43.1914, 0.1793, 0.2846

Sweetspot

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



43.1893, 0.3612, 0.2540



78.4499, 0.3235, 0.3073



34.1278, 0.2542, 0.1915



16.1592, 0.3254, 0.3038



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.



43.1893, 0.3612, 0.2540



37.0761, 0.3746, 0.2415



40.8190, 0.4251, 0.3127



18.1755, 0.3197, 0.3144



12.4162, 0.4475, 0.2239



1.2303, 0.4291, 0.2138

Inverse Universe

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



43.1893, 0.3612, 0.2540



37.0761, 0.3746, 0.2415



82.9019, 0.2570, 0.3474



18.1755, 0.3197, 0.3144



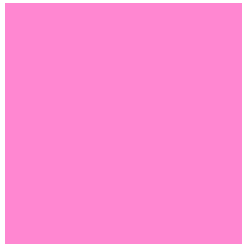
12.4162, 0.4475, 0.2239



1.2303, 0.4291, 0.2138

Previews

White Background



This preview shows how the Yxy color 43.1914, 0.3612, 0.2540 looks on a white background.

Color Contrast Check

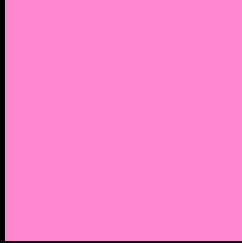
Large Text (above 18pt) WCAG AA × Fail

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 43.1914, 0.3612, 0.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

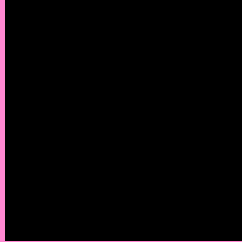
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1914, 0.3612, 0.2540

Background



This preview shows how black text looks on a background with the Yxy color 43.1914, 0.3612, 0.2540.



This preview shows how white text looks on a background with the Yxy color 43.1914, 0.3612, 0.2540.

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

43.1914, 0.3612, 0.2540

Protanopia

43.5973, 0.2559, 0.2514

Deuteranopia

43.5201, 0.2948, 0.2893



Tritanopia

43.3161, 0.4089, 0.3175

Trichromacy



Original Color

43.1914, 0.3612, 0.2540



Protanomaly

41.9701, 0.2878, 0.2502



Deuteranomaly

42.4695, 0.3171, 0.2740



Tritanomaly

43.1760, 0.3917, 0.2933

Monochromacy



Original Color

43.1914, 0.3612, 0.2540



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.1775, 0.3300, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1914, 0.3612, 0.2540 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, 135, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 209)  
}
```

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, 135, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 209) }
```

Border

The CSS property to change the border of an element to Yxy 43.1914, 0.3612, 0.2540 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, 135, 209) }
```

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

```
.border{ border-color:rgb(255, 135, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1914, 0.3612, 0.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 209) }
```

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

```
.background{ background-color: rgb(255,  
135, 209) }
```

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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