

Converting Colors

$Y_{xy}(56.9769, 0.3677, 0.2748)$

Have a look what the booklet for
Yxy(56.9769, 0.3677, 0.2748)
contains.

Yxy(52.2151, 0.3474, 0.2709)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2151, 0.3474, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2DB
RGB	255, 162, 219
RGB Percent	100%, 64%, 86%
CMY	0.0000, 0.3648, 0.1411
CMYK	0.00, 0.36, 0.14, 0.00
HSL	323°, 100%, 82%
HSV	323°, 36%, 100%
XYZ	66.9602, 52.2151, 73.5714
YIQ	196.3050, 37.1310, 37.4430

Conversions

Conversions Part 2

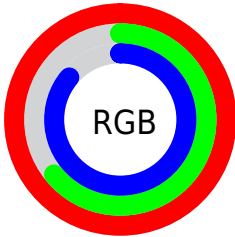
Format	Color
RYB	255, 162, 219
Decimal	16753371
CIELab	77.41, 42.27, -14.45
CIELCh	77, 44.676, 341.128
Yxy	52.2151, 0.3474, 0.2709
Android (android.graphics.Color)	4294943451 (0xFFFFA2DB)
YUV	196.3050, 11.1886, 51.4755
Hunter-Lab	72.2600, 38.9532, -9.7840

Details

The Yxy color **52.2151, 0.3474, 0.2709** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.2752, 0.2892, 0.3958**, and the grayscale version is **55.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **25.2758, 0.3562, 0.2566** is the 20% darker color. If you saturate the color by 10%, you get **43.6141, 0.3608, 0.2553**, and if you desaturate by 10%, it is **62.6545, 0.3357, 0.2872**.

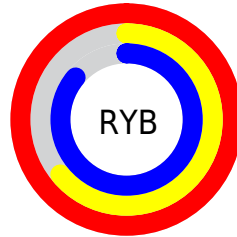
Distribution



Red (100%)

Green (64%)

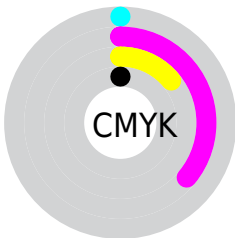
Blue (86%)



Red (100%)

Yellow (64%)

Blue (86%)

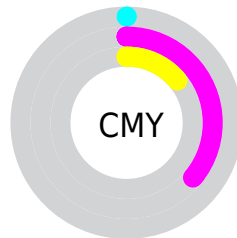


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2151, 0.3474, 0.2709 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 52.2151, 0.3474, 0.2709 by changing the saturation by 10% instead.


 52.2151, 0.3474,
0.2709


 52.2151, 0.3474,
0.2709


395.2665, 0.3311,
0.2979

 37.1766, 0.3512,
0.2647


 93.4484, 0.3417,
0.2803

 25.3442, 0.3559,
0.2570


 120.4119, 0.3395,
0.2840

 16.3337, 0.3619,
0.2473


152.1192, 0.3376,
0.2871

 9.7606, 0.3698,
0.2346

188.9547, 0.3360,
0.2898

 5.2405, 0.3807,
0.2174

231.3028, 0.3345,
0.2922

 2.3891, 0.3965,
0.1927

279.5479, 0.3332,

 0.8203, 0.4216,

0.2944

0.1550

334.0743, 0.3321,
0.2963

0.0000, 0.5211,
0.0000

0.0000, 0.0000,
0.0000

52.2151, 0.3474,
0.2709

52.2151, 0.3474,
0.2709

43.6141, 0.3608,
0.2553

62.6545, 0.3357,
0.2872

36.7606, 0.3760,
0.2414

75.0548, 0.3258,
0.3035

31.5246, 0.3926,
0.2303

89.5037, 0.3174,
0.3192

27.7661, 0.4103,
0.2232

100.0000, 0.3127,
0.3290

■ 25.3216, 0.4282,
0.2211

■ 23.9862, 0.4457,
0.2243

■ 23.6716, 0.4518,
0.2263

Harmonies

Analogous

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



52.2151, 0.2865, 0.2440



52.2151, 0.3474, 0.2709



52.2151, 0.4026, 0.3106

Triad

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



52.2151, 0.3474, 0.2709



52.2151, 0.3855, 0.4328



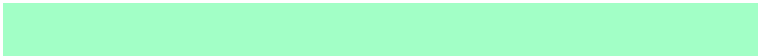
52.2151, 0.2071, 0.2831

Complementary

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



52.2151, 0.3474, 0.2709



83.2752, 0.2892, 0.3958

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.



52.2151, 0.2283, 0.3395



52.2151, 0.3474, 0.2709



52.2151, 0.3298, 0.4355

Square

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



52.2151, 0.3474, 0.2709



52.2151, 0.4237, 0.4011



52.2151, 0.2723, 0.3996



52.2151, 0.2107, 0.2474

Rectangle

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



52.2151, 0.3474, 0.2709



52.2151, 0.4256, 0.3410



52.2151, 0.2723, 0.3996



52.2151, 0.2114, 0.3001

Sweetspot

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



52.2083, 0.3474, 0.2709



82.7114, 0.3210, 0.3122



45.0099, 0.2713, 0.2255



17.2856, 0.3221, 0.3100



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.



52.2083, 0.3474, 0.2709



45.5775, 0.3573, 0.2591



50.1040, 0.3912, 0.3178



18.1743, 0.3198, 0.3145



12.3990, 0.4491, 0.2248



1.2287, 0.4304, 0.2145

Inverse Universe

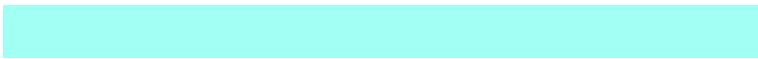
The Inverse Universe completely reimagines the original color for something new.



52.2083, 0.3474, 0.2709



45.5775, 0.3573, 0.2591



85.7399, 0.2665, 0.3410



18.1743, 0.3198, 0.3145



12.3990, 0.4491, 0.2248



1.2287, 0.4304, 0.2145

Previews

White Background



This preview shows how the Yxy color 52.2151, 0.3474, 0.2709 looks on a white background.

Color Contrast Check

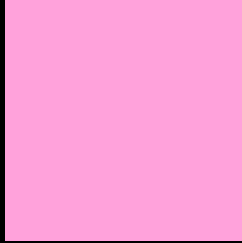
Large Text (above 18pt) WCAG AA × Fail

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 52.2151, 0.3474, 0.2709 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 52.2151, 0.3474, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 52.2151, 0.3474, 0.2709.



This preview shows how white text looks on a background with the Yxy color 52.2151, 0.3474, 0.2709.

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

52.2151, 0.3474, 0.2709

Protanopia

52.7033, 0.2720, 0.2721

Deuteranopia

52.7263, 0.3022, 0.2959



Tritanopia

52.2626, 0.3766, 0.3153

Trichromacy



Original Color

52.2151, 0.3474, 0.2709



Protanomaly

51.6774, 0.2961, 0.2709



Deuteranomaly

52.0143, 0.3181, 0.2861



Tritanomaly

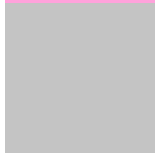
51.9080, 0.3660, 0.2986

Monochromacy



Original Color

52.2151, 0.3474, 0.2709



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.3923, 0.3247, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2151, 0.3474, 0.2709 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, 162, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 219)  
}
```

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, 162, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 219) }
```

Border

The CSS property to change the border of an element to Yxy 52.2151, 0.3474, 0.2709 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, 162, 219) }
```

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

```
.border{ border-color:rgb(255, 162, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2151, 0.3474, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 219) }
```

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

```
.background{ background-color: rgb(255,  
162, 219) }
```

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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