

Converting Colors

Yxy(64.6593, 0.4111, 0.2717)

Have a look what the booklet for
Yxy(64.6593, 0.4111, 0.2717)
contains.

Yxy(47.6603, 0.3475, 0.2552)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.6603, 0.3475, 0.2552)

Conversions

Conversions Part 1

Format	Color
Hex	FF94DD
RGB	255, 148, 221
RGB Percent	100%, 58%, 87%
CMY	0.0000, 0.4197, 0.1333
CMYK	0.00, 0.42, 0.13, 0.00
HSL	319°, 100%, 79%
HSV	319°, 42%, 100%
XYZ	64.8979, 47.6603, 74.1984
YIQ	188.3150, 40.3390, 45.3870

Conversions

Conversions Part 2

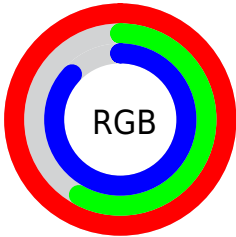
Format	Color
R _Y B	255, 148, 221
Decimal	16749789
CIE Lab	74.61, 49.72, -19.77
CIE LCh	75, 53.512, 338.314
Yxy	47.6603, 0.3475, 0.2552
Android (android.graphics.Color)	4294939869 (0xFFFF94DD)
YUV	188.3150, 16.1137, 58.4827
Hunter-Lab	69.0364, 46.9858, -15.3977

Details

The Yxy color $47.6603, 0.3475, 0.2552$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $81.1885, 0.2900, 0.4174$, and the grayscale version is $50.3572, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $22.4943, 0.3550, 0.2373$ is the 20% darker color. If you saturate the color by 10%, you get $40.0951, 0.3591, 0.2389$, and if you desaturate by 10%, it is $56.9914, 0.3371, 0.2728$.

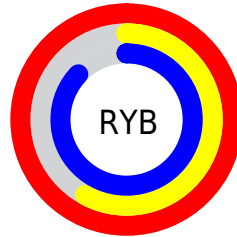
Distribution



Red (100%)

Green (58%)

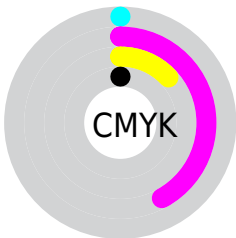
Blue (87%)



Red (100%)

Yellow (58%)

Blue (87%)

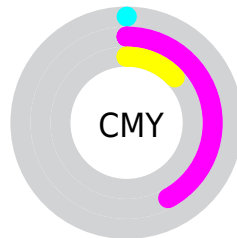


Cyan (0%)

Magenta (42%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (42%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6603, 0.3475, 0.2552 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 47.6603, 0.3475, 0.2552 by changing the saturation by 10% instead.


 47.6603, 0.3475,
0.2552


 47.6603, 0.3475,
0.2552


377.4441, 0.3313,
0.2895

 33.5580, 0.3512,
0.2474


 86.6984, 0.3419,
0.2671

 22.5542, 0.3558,
0.2377


 112.4030, 0.3397,
0.2717

 14.2647, 0.3615,
0.2255


142.7437, 0.3378,
0.2757

 8.3050, 0.3690,
0.2097

178.1050, 0.3362,
0.2792

 4.2907, 0.3791,
0.1884

218.8713, 0.3348,
0.2822

 1.8375, 0.3932,
0.1585

265.4270, 0.3335,

 0.5104, 0.4183,

0.2849

0.1055

318.1564, 0.3323,
0.2873

0.0000, 0.4688,
0.0000

0.0000, 0.0000,
0.0000

47.6603, 0.3475,
0.2552

47.6603, 0.3475,
0.2552

40.0951, 0.3591,
0.2389

56.9914, 0.3371,
0.2728

34.2034, 0.3718,
0.2250

68.2200, 0.3281,
0.2908

29.8455, 0.3854,
0.2147

81.4358, 0.3204,
0.3086

26.8700, 0.3992,
0.2089

96.7303, 0.3139,
0.3257

■ 25.0944, 0.4130,
0.2081

100.0000, 0.3127,
0.3290

■ 24.3176, 0.4237,
0.2108

Harmonies

Analogous

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



47.6603, 0.2735, 0.2253



47.6603, 0.3475, 0.2552



47.6603, 0.4184, 0.3006

Triad

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



47.6603, 0.3475, 0.2552



47.6603, 0.4051, 0.4526



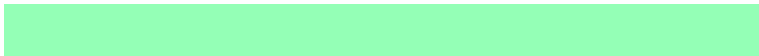
47.6603, 0.1869, 0.2766

Complementary

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



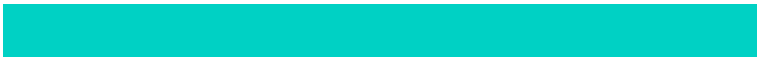
47.6603, 0.3475, 0.2552



81.1885, 0.2900, 0.4174

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.



47.6603, 0.2137, 0.3481



47.6603, 0.3475, 0.2552



47.6603, 0.3381, 0.4643

Square

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



47.6603, 0.3475, 0.2552



47.6603, 0.4504, 0.4086



47.6603, 0.2680, 0.4242



47.6603, 0.1888, 0.2321

Rectangle

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



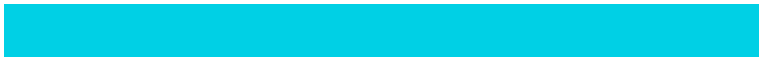
47.6603, 0.3475, 0.2552



47.6603, 0.4493, 0.3359



47.6603, 0.2680, 0.4242



47.6603, 0.1926, 0.2979

Sweetspot

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



47.6520, 0.3474, 0.2552



79.9835, 0.3211, 0.3068



38.3189, 0.2579, 0.2064



16.4678, 0.3228, 0.3029



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.



47.6520, 0.3474, 0.2552



41.4499, 0.3567, 0.2420



45.2425, 0.4015, 0.3087



18.1964, 0.3187, 0.3129



12.7348, 0.4215, 0.2096



1.2598, 0.4071, 0.2017

Inverse Universe

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



47.6520, 0.3474, 0.2552



41.4499, 0.3567, 0.2420



83.8332, 0.2641, 0.3514



18.1964, 0.3187, 0.3129



12.7348, 0.4215, 0.2096



1.2598, 0.4071, 0.2017

Previews

White Background



This preview shows how the Yxy color 47.6603, 0.3475, 0.2552 looks on a white background.

Color Contrast Check

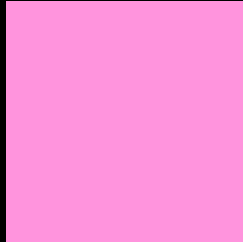
Large Text (above 18pt) WCAG AA × Fail

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 47.6603, 0.3475, 0.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

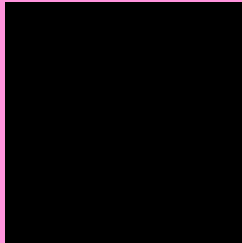
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6603, 0.3475, 0.2552

Background



This preview shows how black text looks on a background with the Yxy color 47.6603, 0.3475, 0.2552.



This preview shows how white text looks on a background with the Yxy color 47.6603, 0.3475, 0.2552.

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

47.6603, 0.3475, 0.2552

Protanopia

48.1555, 0.2573, 0.2532

Deuteranopia

48.1136, 0.2918, 0.2861



Tritanopia

47.4957, 0.3899, 0.3163

Trichromacy



Original Color

47.6603, 0.3475, 0.2552



Protanomaly

46.8113, 0.2851, 0.2527



Deuteranomaly

47.0121, 0.3110, 0.2724



Tritanomaly

47.2946, 0.3738, 0.2921

Monochromacy



Original Color

47.6603, 0.3475, 0.2552



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.0543, 0.3247, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6603, 0.3475, 0.2552 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, 148, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 221)  
}
```

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, 148, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 221) }
```

Border

The CSS property to change the border of an element to Yxy 47.6603, 0.3475, 0.2552 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, 148, 221) }
```

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

```
.border{ border-color:rgb(255, 148, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6603, 0.3475, 0.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 221) }
```

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

```
.background{ background-color: rgb(255,  
148, 221) }
```

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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