

Converting Colors

$Y_{xy}(47.1145, 0.3637, 0.2725)$

Have a look what the booklet for
Yxy(47.1145, 0.3637, 0.2725)
contains.

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Color

Yxy(47.1145, 0.3637, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	FF95CC
RGB	255, 149, 204
RGB Percent	100%, 58%, 80%
CMY	0.0000, 0.4156, 0.2000
CMYK	0.00, 0.42, 0.20, 0.00
HSL	329°, 100%, 79%
HSV	329°, 42%, 100%
XYZ	62.8827, 47.1145, 62.9000
YIQ	186.9640, 45.5210, 39.5770

Conversions

Conversions Part 2

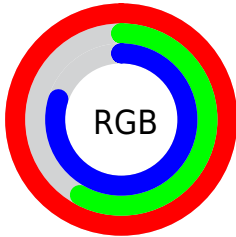
Format	Color
R _Y B	255, 149, 204
Decimal	16750028
CIE Lab	74.26, 46.62, -10.94
CIE LCh	74, 47.883, 346.789
Yxy	47.1145, 0.3637, 0.2725
Android (android.graphics.Color)	4294940108 (0xFFFF95CC)
YUV	186.9640, 8.3987, 59.6676
Hunter-Lab	68.6400, 43.4081, -6.2839

Details

The Yxy color **47.1145, 0.3637, 0.2725** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.0755, 0.2816, 0.3945**, and the grayscale version is **49.6070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1426, 0.3150, 0.2801**, and **22.1222, 0.3767, 0.2575** is the 20% darker color. If you saturate the color by 10%, you get **39.3456, 0.3821, 0.2598**, and if you desaturate by 10%, it is **56.7004, 0.3479, 0.2863**.

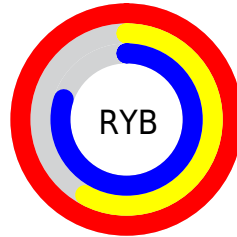
Distribution



Red (100%)

Green (58%)

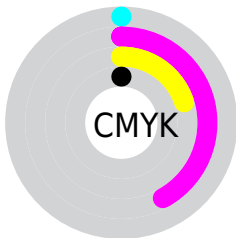
Blue (80%)



Red (100%)

Yellow (58%)

Blue (80%)

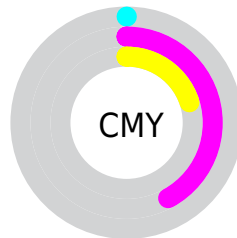


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1145, 0.3637, 0.2725 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 47.1145, 0.3637, 0.2725 by changing the saturation by 10% instead.


 47.1145, 0.3637,
0.2725

 47.1145, 0.3637,
0.2725


375.2714, 0.3389,
0.2994

 33.1262, 0.3697,
0.2662


 85.8845, 0.3549,
0.2820

 22.2231, 0.3772,
0.2583


 111.4350, 0.3515,
0.2856

 14.0209, 0.3870,
0.2481


141.6083, 0.3486,
0.2887

 8.1352, 0.4002,
0.2347

176.7889, 0.3462,
0.2914

 4.1816, 0.4191,
0.2160

217.3611, 0.3440,
0.2938

 1.7757, 0.4481,
0.1885

263.7093, 0.3421,

 0.4719, 0.5057,

0.2959

0.1306

316.2179, 0.3404,
0.2977

■ 0.0000, 0.8790,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.1145, 0.3637,
0.2725

■ 47.1145, 0.3637,
0.2725

■ 39.3456, 0.3821,
0.2598

■ 56.7004, 0.3479,
0.2863

■ 33.2694, 0.4028,
0.2492

■ 68.2035, 0.3345,
0.3003

■ 28.7566, 0.4255,
0.2419

■ 81.7246, 0.3233,
0.3140

■ 25.6561, 0.4493,
0.2393

■ 97.3556, 0.3140,
0.3270

■ 23.7859, 0.4729,
0.2422

99.9982, 0.3127,
0.3290

■ 22.9318, 0.4920,
0.2484

Harmonies

Analogous

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



47.1145, 0.2955, 0.2403



47.1145, 0.3637, 0.2725



47.1145, 0.4213, 0.3173

Triad

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



47.1145, 0.3637, 0.2725



47.1145, 0.3815, 0.4474



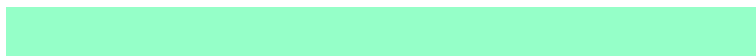
47.1145, 0.1958, 0.2683

Complementary

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



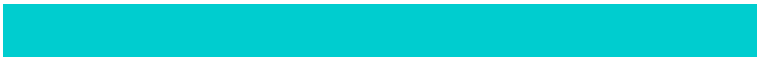
47.1145, 0.3637, 0.2725



82.0755, 0.2816, 0.3945

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.



47.1145, 0.2134, 0.3270



47.1145, 0.3637, 0.2725



47.1145, 0.3183, 0.4440

Square

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



47.1145, 0.3637, 0.2725



47.1145, 0.4291, 0.4154



47.1145, 0.2569, 0.3963



47.1145, 0.2047, 0.2346

Rectangle

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



47.1145, 0.3637, 0.2725



47.1145, 0.4420, 0.3507



47.1145, 0.2569, 0.3963



47.1145, 0.1987, 0.2853

Sweetspot

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



47.1167, 0.3637, 0.2725



81.0942, 0.3238, 0.3134



40.7885, 0.2709, 0.2116



16.9567, 0.3251, 0.3116



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.



47.1167, 0.3637, 0.2725



40.4472, 0.3790, 0.2616



45.0425, 0.4171, 0.3256



18.1445, 0.3212, 0.3167



12.0137, 0.4885, 0.2465



1.1918, 0.4641, 0.2330

Inverse Universe

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



47.1167, 0.3637, 0.2725



40.4472, 0.3790, 0.2616



84.8987, 0.2573, 0.3328



18.1445, 0.3212, 0.3167



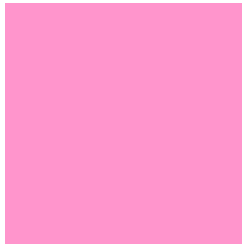
12.0137, 0.4885, 0.2465



1.1918, 0.4641, 0.2330

Previews

White Background



This preview shows how the Yxy color 47.1145, 0.3637, 0.2725 looks on a white background.

Color Contrast Check

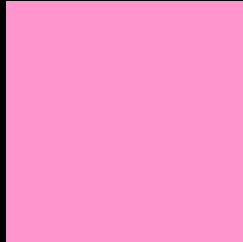
Large Text (above 18pt) WCAG AA × Fail

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 47.1145, 0.3637, 0.2725 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 47.1145, 0.3637, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 47.1145, 0.3637, 0.2725.



This preview shows how white text looks on a background with the Yxy color 47.1145, 0.3637, 0.2725.

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

47.1145, 0.3637, 0.2725

Protanopia

47.3682, 0.2743, 0.2744

Deuteranopia

47.4336, 0.3097, 0.3030



Tritanopia

47.1133, 0.3945, 0.3164

Trichromacy



Original Color

47.1145, 0.3637, 0.2725



Protanomaly

46.0822, 0.3033, 0.2723



Deuteranomaly

46.4534, 0.3281, 0.2893



Tritanomaly

46.8141, 0.3831, 0.2995

Monochromacy



Original Color

47.1145, 0.3637, 0.2725



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

47.7344, 0.3307, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1145, 0.3637, 0.2725 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, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 204)  
}
```

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, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 204) }
```

Border

The CSS property to change the border of an element to Yxy 47.1145, 0.3637, 0.2725 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, 149, 204) }
```

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

```
.border{ border-color:rgb(255, 149, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 149, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1145, 0.3637, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 204) }
```

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

```
.background{ background-color: rgb(255,  
149, 204) }
```

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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