

Converting Colors

$Y_{xy}(48.2194, 0.3241, 0.2292)$

Have a look what the booklet for
Yxy(48.2194, 0.3241, 0.2292)
contains.

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Color

Yxy(48.2262, 0.3244, 0.2295)

Conversions

Conversions Part 1

Format	Color
Hex	FF91F7
RGB	255, 145, 247
RGB Percent	100%, 57%, 97%
CMY	0.0000, 0.4315, 0.0312
CMYK	0.00, 0.43, 0.03, 0.00
HSL	304°, 100%, 78%
HSV	304°, 43%, 100%
XYZ	68.1681, 48.2262, 93.7416
YIQ	189.5180, 32.8180, 55.0420

Conversions

Conversions Part 2

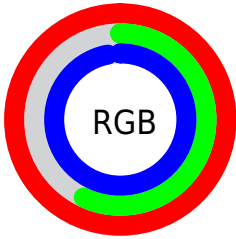
Format	Color
R _{YB}	255, 145, 247
Decimal	16749047
CIE Lab	74.97, 55.46, -33.42
CIE LCh	75, 64.752, 328.924
Yxy	48.2262, 0.3244, 0.2295
Android (android.graphics.Color)	4294939127 (0xFFFF91F7)
YUV	189.5180, 28.3386, 57.4277
Hunter-Lab	69.4451, 53.6888, -31.4221

Details

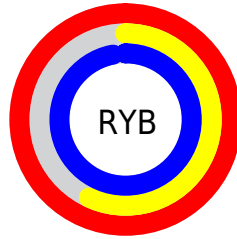
The Yxy color **48.2262, 0.3244, 0.2295** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.8355, 0.3026, 0.4543**, and the grayscale version is **51.0148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2533, 0.3152, 0.2762**, and **22.7658, 0.3255, 0.2075** is the 20% darker color. If you saturate the color by 10%, you get **41.1718, 0.3275, 0.2093**, and if you desaturate by 10%, it is **57.0208, 0.3213, 0.2517**.

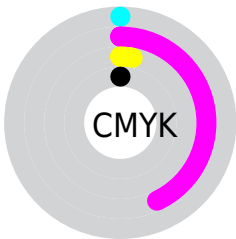
Distribution



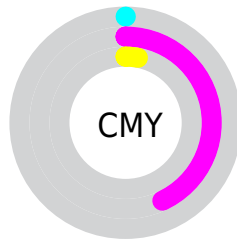
- Red (100%)
- Green (57%)
- Blue (97%)



- Red (100%)
- Yellow (57%)
- Blue (97%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2262, 0.3244, 0.2295 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 48.2262, 0.3244, 0.2295 by changing the saturation by 10% instead.

 48.2262, 0.3244,
0.2295

 48.2262, 0.3244,
0.2295


379.6880, 0.3204,
0.2743

 34.0061, 0.3250,
0.2197

 87.5411, 0.3233,
0.2447

 22.8982, 0.3255,
0.2077


 113.4046, 0.3228,
0.2508

 14.5184, 0.3258,
0.1930


143.9181, 0.3223,
0.2560

 8.4821, 0.3258,
0.1745

179.4659, 0.3218,
0.2606

 4.4049, 0.3249,
0.1506

220.4324, 0.3214,
0.2646

 1.9026, 0.3218,
0.1194

267.2020, 0.3211,

 0.5499, 0.3148,

0.2682

0.0734

320.1590, 0.3207,
0.2714

■ 0.0000, 0.2971,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.2262, 0.3244,
0.2295

■ 48.2262, 0.3244,
0.2295

■ 41.1718, 0.3275,
0.2093

■ 57.0208, 0.3213,
0.2517

■ 35.7533, 0.3306,
0.1923

■ 67.6773, 0.3185,
0.2751

■ 31.8331, 0.3335,
0.1791

■ 80.2897, 0.3158,
0.2987

■ 29.2570, 0.3363,
0.1703

■ 94.9499, 0.3134,
0.3219

■ 27.8378, 0.3388,
0.1659

100.0000, 0.3127,
0.3290

■ 27.3480, 0.3404,
0.1649

Harmonies

Analogous

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



48.2262, 0.2421, 0.2023



48.2262, 0.3244, 0.2295



48.2262, 0.4155, 0.2764

Triad

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



48.2262, 0.3244, 0.2295



48.2262, 0.4401, 0.4588



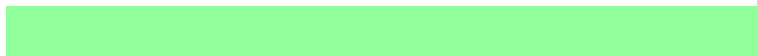
48.2262, 0.1712, 0.2878

Complementary

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



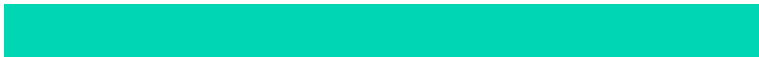
48.2262, 0.3244, 0.2295



79.8355, 0.3026, 0.4543

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.



48.2262, 0.2114, 0.3821



48.2262, 0.3244, 0.2295



48.2262, 0.3658, 0.4941

Square

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



48.2262, 0.3244, 0.2295



48.2262, 0.4842, 0.3986



48.2262, 0.2821, 0.4690



48.2262, 0.1643, 0.2258

Rectangle

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



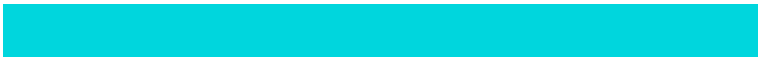
48.2262, 0.3244, 0.2295



48.2262, 0.4625, 0.3148



48.2262, 0.2821, 0.4690



48.2262, 0.1808, 0.3166

Sweetspot

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



48.2214, 0.3244, 0.2295



80.4894, 0.3158, 0.2991



34.1692, 0.2361, 0.1959



16.5937, 0.3164, 0.2939



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.



48.2214, 0.3244, 0.2295



41.8948, 0.3271, 0.2115



45.3385, 0.3761, 0.2797



18.2763, 0.3149, 0.3072



14.2995, 0.3400, 0.1647



1.3988, 0.3376, 0.1633

Inverse Universe

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



48.2214, 0.3244, 0.2295



41.8948, 0.3271, 0.2115



82.0584, 0.2760, 0.3857



18.2763, 0.3149, 0.3072



14.2995, 0.3400, 0.1647



1.3988, 0.3376, 0.1633

Previews

White Background



This preview shows how the Yxy color 48.2262, 0.3244, 0.2295 looks on a white background.

Color Contrast Check

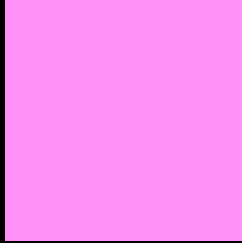
Large Text (above 18pt) WCAG AA × Fail

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 48.2262, 0.3244, 0.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

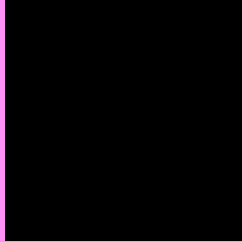
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2262, 0.3244, 0.2295

Background



This preview shows how black text looks on a background with the Yxy color 48.2262, 0.3244, 0.2295.



This preview shows how white text looks on a background with the Yxy color 48.2262, 0.3244, 0.2295.

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

48.2262, 0.3244, 0.2295

Protanopia

48.7684, 0.2494, 0.2438

Deuteranopia

48.6314, 0.2650, 0.2593



Tritanopia

48.0997, 0.3832, 0.3162

Trichromacy



Original Color

48.2262, 0.3244, 0.2295



Protanomaly

47.1400, 0.2726, 0.2357



Deuteranomaly

47.5435, 0.2840, 0.2456



Tritanomaly

47.7526, 0.3609, 0.2816

Monochromacy



Original Color

48.2262, 0.3244, 0.2295



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.2714, 0.3173, 0.2862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2262, 0.3244, 0.2295 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, 145, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 247)  
}
```

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, 145, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 247) }
```

Border

The CSS property to change the border of an element to Yxy 48.2262, 0.3244, 0.2295 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, 145, 247) }
```

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

```
.border{ border-color:rgb(255, 145, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2262, 0.3244, 0.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 247) }
```

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

```
.background{ background-color: rgb(255,  
145, 247) }
```

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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