

Converting Colors

Yxy(65.1355, 0.3273, 0.2969)

Have a look what the booklet for
Yxy(65.1355, 0.3273, 0.2969)
contains.

Yxy(64.9464, 0.3275, 0.2969)	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(64.9464, 0.3275, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	F5C5E4
RGB	245, 197, 228
RGB Percent	96%, 77%, 89%
CMY	0.0390, 0.2275, 0.1059
CMYK	0.00, 0.20, 0.07, 0.04
HSL	321°, 71%, 87%
HSV	321°, 20%, 96%
XYZ	71.6401, 64.9464, 82.1619
YIQ	214.8860, 18.6570, 19.8170

Conversions

Conversions Part 2

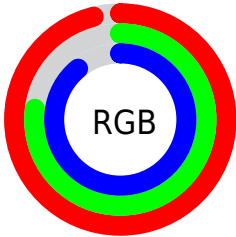
Format	Color
R_{YB}	245, 197, 228
Decimal	16106980
CIE _{Lab}	84.46, 22.03, -8.88
CIE _{LCh}	84, 23.755, 338.044
Yxy	64.9464, 0.3275, 0.2969
Android (android.graphics.Color)	4294297060 (0xFFFF5C5E4)
YUV	214.8860, 6.4652, 26.4100
Hunter-Lab	80.5893, 17.6467, -4.0344

Details

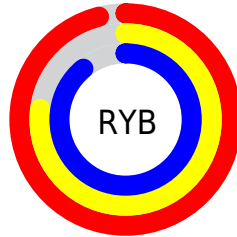
The Yxy color **64.9464, 0.3275, 0.2969** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.0623, 0.3004, 0.3634**, and the grayscale version is **67.8243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.3534, 0.3301, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **54.2409, 0.3371, 0.2798**, and if you desaturate by 10%, it is **77.4907, 0.3193, 0.3136**.

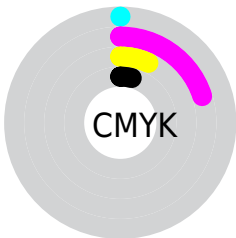
Distribution



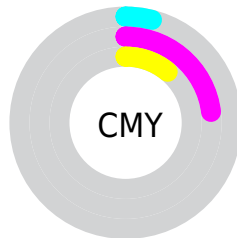
- Red (96%)
- Green (77%)
- Blue (89%)



- Red (96%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9464, 0.3275, 0.2969 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 64.9464, 0.3275, 0.2969 by changing the saturation by 10% instead.


 64.9464, 0.3275,
0.2969

 64.9464, 0.3275,
0.2969


442.5993, 0.3207,
0.3117

 47.4176, 0.3290,
0.2936

111.9728, 0.3252,
0.3020

 33.3659, 0.3309,
0.2894


142.2392, 0.3242,
0.3040

 22.4069, 0.3333,
0.2842


177.5203, 0.3235,
0.3057

 14.1562, 0.3364,
0.2775

218.2004, 0.3228,
0.3072

 8.2294, 0.3406,
0.2683

264.6640, 0.3222,
0.3085

 4.2421, 0.3466,
0.2552


317.2954, 0.3216,


 1.8099, 0.3559,


0.3097


376.4790, 0.3211,
0.3107


0.2351


 0.4933, 0.3794,
0.1839

 0.0000, 0.0000,
0.0000

 64.9464, 0.3275,
0.2969


 64.9464, 0.3275,
0.2969


 54.2409, 0.3371,
0.2798


 77.4907, 0.3193,
0.3136


 45.2779, 0.3482,
0.2629

 91.9470, 0.3125,
0.3296

 37.9656, 0.3610,
0.2471

 98.1030, 0.3071,
0.3299

 32.1998, 0.3751,
0.2332

 98.1622, 0.3066,
0.3290

■ 27.8648, 0.3903,
0.2226

■ 24.8283, 0.4062,
0.2163

■ 22.9329, 0.4222,
0.2150

■ 21.9277, 0.4376,
0.2186

■ 21.8957, 0.4382,
0.2188

Harmonies

Analogous

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



64.9464, 0.2974, 0.2832



64.9464, 0.3275, 0.2969



64.9464, 0.3546, 0.3183

Triad

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



64.9464, 0.3275, 0.2969



64.9464, 0.3529, 0.3800



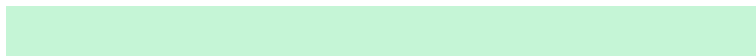
64.9464, 0.2584, 0.3104

Complementary

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



64.9464, 0.3275, 0.2969



82.0623, 0.3004, 0.3634

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.



64.9464, 0.2719, 0.3382



64.9464, 0.3275, 0.2969



64.9464, 0.3260, 0.3802

Square

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



64.9464, 0.3275, 0.2969



64.9464, 0.3695, 0.3658



64.9464, 0.2963, 0.3646



64.9464, 0.2587, 0.2896

Rectangle

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



64.9464, 0.3275, 0.2969



64.9464, 0.3667, 0.3348



64.9464, 0.2963, 0.3646



64.9464, 0.2615, 0.3193

Sweetspot

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



64.9493, 0.3275, 0.2969



90.2791, 0.3167, 0.3195



60.7886, 0.2919, 0.2767



19.1069, 0.3172, 0.3184



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.



64.9493, 0.3275, 0.2969



65.6547, 0.3316, 0.2893



63.7165, 0.3459, 0.3215



16.6627, 0.3192, 0.3138



11.8171, 0.4358, 0.2174



1.0581, 0.4176, 0.2074

Inverse Universe

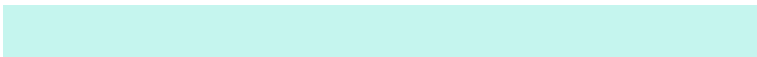
The Inverse Universe completely reimagines the original color for something new.



64.9493, 0.3275, 0.2969



65.6547, 0.3316, 0.2893



83.3694, 0.2872, 0.3367



16.6627, 0.3192, 0.3138



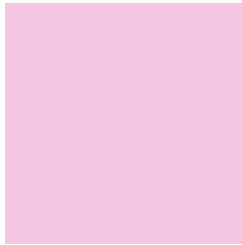
11.8171, 0.4358, 0.2174



1.0581, 0.4176, 0.2074

Previews

White Background



This preview shows how the Yxy color 64.9464, 0.3275, 0.2969 looks on a white background.

Color Contrast Check

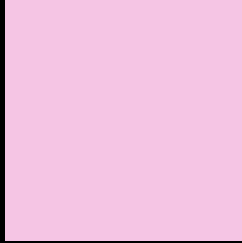
Large Text (above 18pt) WCAG AA × Fail

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 64.9464, 0.3275, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

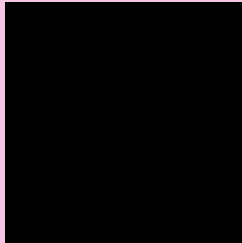
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9464, 0.3275, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 64.9464, 0.3275, 0.2969.



This preview shows how white text looks on a background with the Yxy color 64.9464, 0.3275, 0.2969.

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

64.9464, 0.3275, 0.2969

Protanopia

65.4147, 0.2933, 0.3001

Deuteranopia

65.0009, 0.3123, 0.3062



Tritanopia

64.8078, 0.3355, 0.3122

Trichromacy



Original Color

64.9464, 0.3275, 0.2969

Protanomaly

64.9180, 0.3052, 0.2986

Deuteranomaly

64.9429, 0.3178, 0.3023

Tritanomaly

64.7886, 0.3326, 0.3060

Monochromacy



Original Color

64.9464, 0.3275, 0.2969

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.4478, 0.3178, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9464, 0.3275, 0.2969 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(245, 197, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 197, 228)  
}
```

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(245, 197, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 197, 228) }
```

Border

The CSS property to change the border of an element to Yxy 64.9464, 0.3275, 0.2969 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(245, 197, 228) }
```

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

```
.border{ border-color:rgb(245, 197, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 197, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 197, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 197, 228); box-shadow:4px 4px 4px 4px rgb(245, 197, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9464, 0.3275, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 197, 228) }
```

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

```
.background{ background-color: rgb(245,  
197, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor