

Converting Colors

Yxy(63.5046, 0.3213, 0.2903)

Have a look what the booklet for
Yxy(63.5046, 0.3213, 0.2903)
contains.

Yxy(63.5572, 0.3215, 0.2905)	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(63.5572, 0.3215, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	F1C3E8
RGB	241, 195, 232
RGB Percent	95%, 76%, 91%
CMY	0.0551, 0.2352, 0.0903
CMYK	0.00, 0.19, 0.04, 0.06
HSL	312°, 62%, 85%
HSV	312°, 19%, 94%
XYZ	70.3396, 63.5572, 84.8888
YIQ	212.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

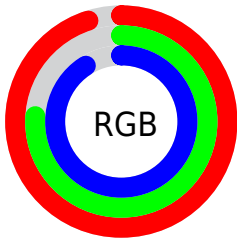
Format	Color
R _Y B	241, 195, 232
Decimal	15844328
CIE Lab	83.73, 22.37, -12.12
CIE LCh	84, 25.443, 331.557
Yxy	63.5572, 0.3215, 0.2905
Android (android.graphics.Color)	4294034408 (0xFFFF1C3E8)
YUV	212.9720, 9.3808, 24.5806
Hunter-Lab	79.7228, 17.9760, -7.3260

Details

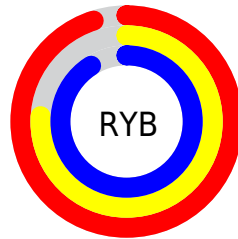
The Yxy color $63.5572, 0.3215, 0.2905$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $78.8436, 0.3050, 0.3708$, and the grayscale version is $66.4468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $32.4986, 0.3243, 0.2820$ is the 20% darker color. If you saturate the color by 10%, you get $53.3540, 0.3271, 0.2697$, and if you desaturate by 10%, it is $75.5153, 0.3166, 0.3110$.

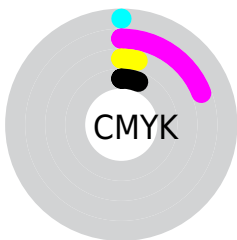
Distribution



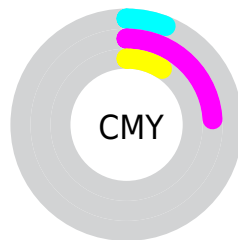
- Red (95%)
- Green (76%)
- Blue (91%)



- Red (95%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (6%)




- Cyan (6%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5572, 0.3215, 0.2905 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 63.5572, 0.3215, 0.2905 by changing the saturation by 10% instead.

 63.5572, 0.3215,
0.2905

 63.5572, 0.3215,
0.2905

437.5889, 0.3176,
0.3082

 46.2921, 0.3223,
0.2865

 109.9730, 0.3202,
0.2966

 32.4764, 0.3234,
0.2816


139.8925, 0.3197,
0.2990

 21.7256, 0.3247,
0.2754


174.7989, 0.3192,
0.3010

 13.6554, 0.3263,
0.2673

215.0767, 0.3188,
0.3028

 7.8814, 0.3283,
0.2565

261.1102, 0.3185,
0.3044

 4.0192, 0.3311,
0.2410


313.2837, 0.3181,

 1.6843, 0.3350,


0.3058

0.2175

371.9819, 0.3179,
0.3070


 0.4135, 0.3501,
0.1535


 0.0000, 0.0000,
0.0000


 63.5572, 0.3215,
0.2905


 63.5572, 0.3215,
0.2905


 53.3540, 0.3271,
0.2697

 75.5153, 0.3166,
0.3110


 44.8139, 0.3334,
0.2493

 89.2978, 0.3123,
0.3308

 37.8493, 0.3403,
0.2302

 96.8706, 0.3091,
0.3377

 32.3614, 0.3477,
0.2135

 97.1634, 0.3065,
0.3331

■ 28.2401, 0.3554,
0.2000

■ 97.4311, 0.3041,
0.3290

■ 25.3600, 0.3631,
0.1907

■ 23.5722, 0.3707,
0.1861

■ 22.6510, 0.3778,
0.1858

■ 22.5817, 0.3785,
0.1859

Harmonies

Analogous

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



63.5572, 0.2896, 0.2781



63.5572, 0.3215, 0.2905



63.5572, 0.3524, 0.3120

Triad

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



63.5572, 0.3215, 0.2905



63.5572, 0.3611, 0.3817



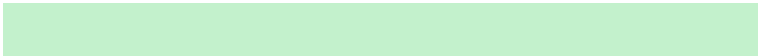
63.5572, 0.2563, 0.3149

Complementary

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



63.5572, 0.3215, 0.2905



78.8436, 0.3050, 0.3708

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.



63.5572, 0.2736, 0.3456



63.5572, 0.3215, 0.2905



63.5572, 0.3337, 0.3859

Square

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



63.5572, 0.3215, 0.2905



63.5572, 0.3757, 0.3637



63.5572, 0.3016, 0.3726



63.5572, 0.2533, 0.2904

Rectangle

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



63.5572, 0.3215, 0.2905



63.5572, 0.3675, 0.3293



63.5572, 0.3016, 0.3726



63.5572, 0.2605, 0.3249

Sweetspot

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



63.5600, 0.3215, 0.2905



90.4328, 0.3152, 0.3172



58.1509, 0.2870, 0.2775



19.1433, 0.3155, 0.3158



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.



63.5600, 0.3215, 0.2905



67.4022, 0.3237, 0.2822



62.3667, 0.3386, 0.3136



15.9754, 0.3168, 0.3102



12.2713, 0.3774, 0.1853



1.0342, 0.3686, 0.1804

Inverse Universe

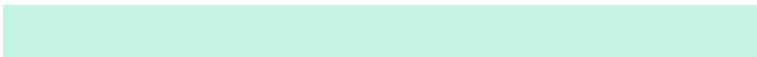
The Inverse Universe completely reimagines the original color for something new.



63.5600, 0.3215, 0.2905



67.4022, 0.3237, 0.2822



79.9974, 0.2922, 0.3450



15.9754, 0.3168, 0.3102



12.2713, 0.3774, 0.1853



1.0342, 0.3686, 0.1804

Previews

White Background



This preview shows how the Yxy color 63.5572, 0.3215, 0.2905 looks on a white background.

Color Contrast Check

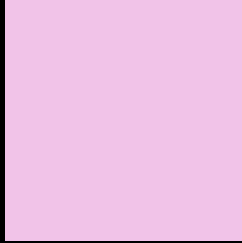
Large Text (above 18pt) WCAG AA × Fail

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 63.5572, 0.3215, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

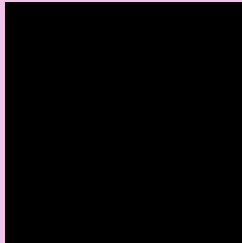
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5572, 0.3215, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 63.5572, 0.3215, 0.2905.



This preview shows how white text looks on a background with the Yxy color 63.5572, 0.3215, 0.2905.

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

63.5572, 0.3215, 0.2905

Protanopia

63.6134, 0.2879, 0.2922

Deuteranopia

63.4851, 0.3059, 0.2994



Tritanopia

63.4203, 0.3325, 0.3119

Trichromacy



Original Color

63.5572, 0.3215, 0.2905

Protanomaly

63.5780, 0.2996, 0.2919

Deuteranomaly

63.4090, 0.3112, 0.2956

Tritanomaly

63.5037, 0.3280, 0.3036

Monochromacy



Original Color

63.5572, 0.3215, 0.2905

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

64.9979, 0.3157, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5572, 0.3215, 0.2905 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(241, 195, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 232)  
}
```

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(241, 195, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 232) }
```

Border

The CSS property to change the border of an element to Yxy 63.5572, 0.3215, 0.2905 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(241, 195, 232) }
```

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

```
.border{ border-color:rgb(241, 195, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 195, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 195, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 195, 232); box-shadow:4px 4px 4px 4px rgb(241, 195, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5572, 0.3215, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 232) }
```

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

```
.background{ background-color: rgb(241,  
195, 232) }
```

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