

Converting Colors

$Yxy(68.5287, 0.3420, 0.3362)$

Have a look what the booklet for
Yxy(68.5287, 0.3420, 0.3362)
contains.

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Color

Yxy(68.5660, 0.3423, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	F1D1CA
RGB	241, 209, 202
RGB Percent	95%, 82%, 79%
CMY	0.0548, 0.1804, 0.2078
CMYK	0.00, 0.13, 0.16, 0.05
HSL	11°, 58%, 87%
HSV	11°, 16%, 95%
XYZ	69.7478, 68.5660, 65.4484
YIQ	217.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

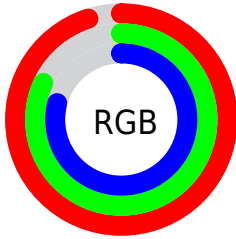
Format	Color
R _Y B	241, 211, 202
Decimal	15847882
CIE Lab	86.29, 10.09, 7.57
CIE LCh	86, 12.616, 36.881
Yxy	68.5660, 0.3423, 0.3365
Android (android.graphics.Color)	4294037962 (0xFFFF1D1CA)
YUV	217.7700, -7.7746, 20.3727
Hunter-Lab	82.8046, 5.4458, 11.1006

Details

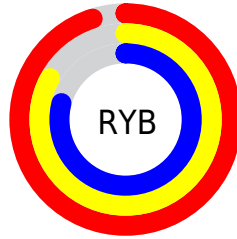
The Yxy color **68.5660, 0.3423, 0.3365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7970, 0.2879, 0.3214**, and the grayscale version is **69.9929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8951, 0.3499, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **58.3965, 0.3658, 0.3415**, and if you desaturate by 10%, it is **80.1272, 0.3229, 0.3318**.

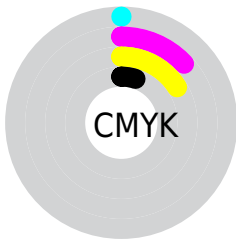
Distribution



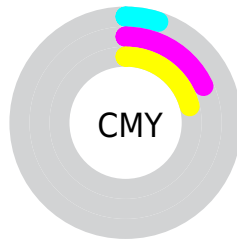
- Red (95%)
- Green (82%)
- Blue (79%)



- Red (95%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5660, 0.3423, 0.3365 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 68.5660, 0.3423, 0.3365 by changing the saturation by 10% instead.


 68.5660, 0.3423,
0.3365

 68.5660, 0.3423,
0.3365

455.4988, 0.3284,
0.3332

 50.3583, 0.3455,
0.3372


117.1615, 0.3374,
0.3354

 35.6982, 0.3496,
0.3381


148.3181, 0.3355,
0.3349

 24.2012, 0.3548,
0.3392


184.5598, 0.3339,
0.3345

 15.4829, 0.3616,
0.3406

226.2710, 0.3325,
0.3342

 9.1590, 0.3711,
0.3424

273.8361, 0.3313,
0.3339

 4.8451, 0.3851,
0.3447

327.6395, 0.3302,

 2.1566, 0.4079,

0.3336

0.3478

388.0656, 0.3292,
0.3334

0.6962, 0.4959,
0.3795

0.0000, 0.0000,
0.0000

68.5660, 0.3423,
0.3365

68.5660, 0.3423,
0.3365

58.3965, 0.3658,
0.3415

80.1272, 0.3229,
0.3318

49.5571, 0.3941,
0.3465

93.1204, 0.3070,
0.3274

41.9953, 0.4277,
0.3512

97.4472, 0.3042,
0.3290

35.6513, 0.4663,
0.3550

■ 30.4607, 0.5084,
0.3571

■ 26.3530, 0.5507,
0.3565

■ 23.2497, 0.5882,
0.3526

■ 21.0607, 0.6157,
0.3457

■ 20.4389, 0.6236,
0.3431

Harmonies

Analogous

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



68.5660, 0.3340, 0.3231



68.5660, 0.3423, 0.3365



68.5660, 0.3424, 0.3484

Triad

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



68.5660, 0.3423, 0.3365



68.5660, 0.3050, 0.3476



68.5660, 0.2912, 0.3032

Complementary

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



68.5660, 0.3423, 0.3365



77.7970, 0.2879, 0.3214

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.



68.5660, 0.2838, 0.3089



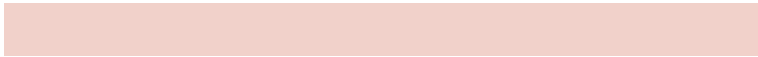
68.5660, 0.3423, 0.3365



68.5660, 0.2917, 0.3346

Square

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



68.5660, 0.3423, 0.3365



68.5660, 0.3206, 0.3553



68.5660, 0.2840, 0.3203



68.5660, 0.3043, 0.3042

Rectangle

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



68.5660, 0.3423, 0.3365



68.5660, 0.3378, 0.3538



68.5660, 0.2840, 0.3203



68.5660, 0.2880, 0.3044

Sweetspot

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



68.5691, 0.3423, 0.3365



92.7051, 0.3209, 0.3312



66.9300, 0.3192, 0.2953



19.6304, 0.3221, 0.3316



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

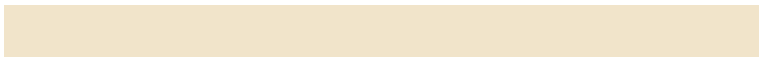
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.5691, 0.3423, 0.3365



74.4480, 0.3486, 0.3379



78.4769, 0.3391, 0.3563



16.2153, 0.3289, 0.3333



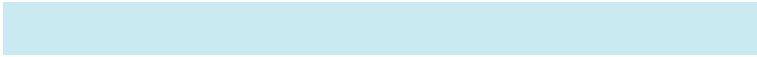
11.2174, 0.6213, 0.3449



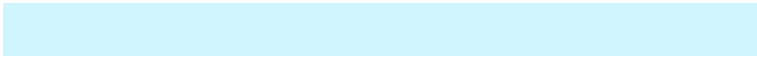
1.0612, 0.5978, 0.3635

Inverse Universe

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



77.7970, 0.2879, 0.3214



86.5428, 0.2836, 0.3199



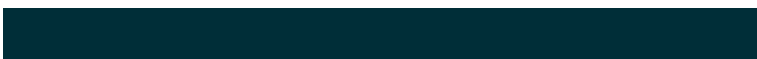
67.5274, 0.2870, 0.3002



17.4206, 0.2981, 0.3247



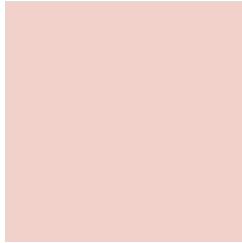
25.5145, 0.2086, 0.2709



2.2467, 0.2109, 0.2794

Previews

White Background



This preview shows how the Yxy color 68.5660, 0.3423, 0.3365 looks on a white background.

Color Contrast Check

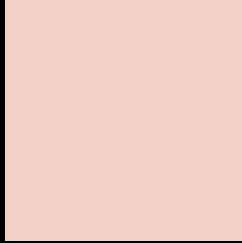
Large Text (above 18pt) WCAG AA × Fail

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 68.5660, 0.3423, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

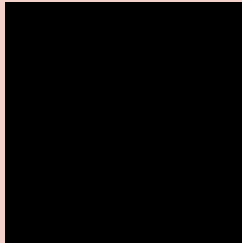
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5660, 0.3423, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 68.5660, 0.3423, 0.3365.

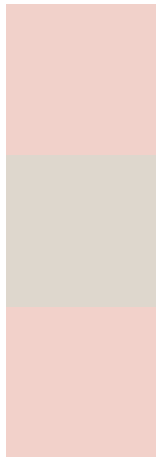


This preview shows how white text looks on a background with the Yxy color 68.5660, 0.3423, 0.3365.

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

68.5660, 0.3423, 0.3365

Protanopia

68.5383, 0.3248, 0.3401

Deuteranopia

68.7424, 0.3431, 0.3365



Tritanopia

68.6496, 0.3302, 0.3124

Trichromacy



Original Color

68.5660, 0.3423, 0.3365

Protanomaly

68.6061, 0.3310, 0.3389

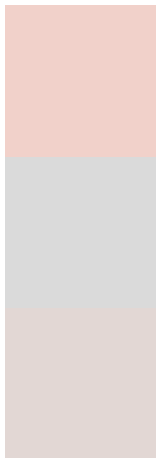
Deuteranomaly

68.7424, 0.3431, 0.3365

Tritanomaly

68.5866, 0.3345, 0.3207

Monochromacy



Original Color

68.5660, 0.3423, 0.3365

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.5231, 0.3229, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5660, 0.3423, 0.3365 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, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 202)  
}
```

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, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 202) }
```

Border

The CSS property to change the border of an element to Yxy 68.5660, 0.3423, 0.3365 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, 209, 202) }
```

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

```
.border{ border-color:rgb(241, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(241, 209,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5660, 0.3423, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 202) }
```

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

```
.background{ background-color: rgb(241,  
209, 202) }
```

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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