

Converting Colors

$Yxy(65.3496, 0.3564, 0.3405)$

Have a look what the booklet for
Yxy(65.3496, 0.3564, 0.3405)
contains.

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Color

Yxy(65.1277, 0.3563, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	F6C9BF
RGB	246, 201, 191
RGB Percent	96%, 79%, 75%
CMY	0.0354, 0.2117, 0.2511
CMYK	0.00, 0.18, 0.22, 0.04
HSL	11°, 75%, 86%
HSV	11°, 22%, 96%
XYZ	68.2902, 65.1277, 58.2469
YIQ	213.3150, 30.0300, 6.4300

Conversions

Conversions Part 2

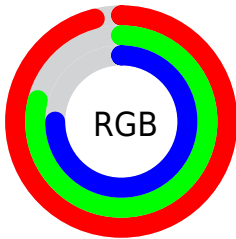
Format	Color
R_{YB}	246, 203, 191
Decimal	16173503
CIE _{Lab}	84.55, 14.42, 11.01
CIE _{LCh}	85, 18.143, 37.344
Yxy	65.1277, 0.3563, 0.3398
Android (android.graphics.Color)	4294363583 (0xFFFF6C9BF)
YUV	213.3150, -11.0013, 28.6647
Hunter-Lab	80.7017, 9.8195, 13.6983

Details

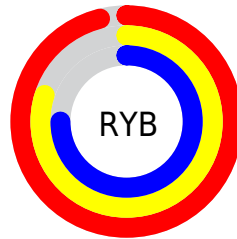
The Yxy color **65.1277, 0.3563, 0.3398** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6855, 0.2787, 0.3179**, and the grayscale version is **66.8214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **33.5212, 0.3669, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **55.3664, 0.3827, 0.3450**, and if you desaturate by 10%, it is **76.3043, 0.3345, 0.3348**.

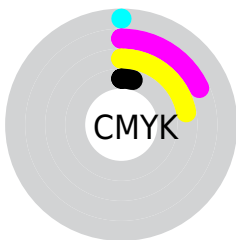
Distribution



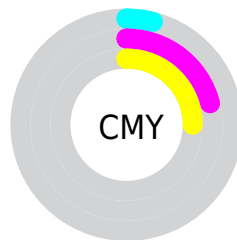
- Red (96%)
- Green (79%)
- Blue (75%)



- Red (96%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1277, 0.3563, 0.3398 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 65.1277, 0.3563, 0.3398 by changing the saturation by 10% instead.


 65.1277, 0.3563,
0.3398

 65.1277, 0.3563,
0.3398


443.2507, 0.3355,
0.3351

 47.5646, 0.3612,
0.3408


 112.2334, 0.3490,
0.3382

 33.4822, 0.3673,
0.3420


142.5449, 0.3462,
0.3376

 22.4961, 0.3752,
0.3435


177.8746, 0.3438,
0.3370

 14.2219, 0.3856,
0.3453

218.6069, 0.3417,
0.3365

 8.2752, 0.4002,
0.3474

265.1263, 0.3399,
0.3361

 4.2715, 0.4220,
0.3500

317.8172, 0.3383,

 1.8266, 0.4576,

0.3357

377.0638, 0.3368,
0.3354

0.3525

0.5037, 0.6226,
0.3774

0.0000, 0.0000,
0.0000

65.1277, 0.3563,
0.3398

65.1277, 0.3563,
0.3398

55.3664, 0.3827,
0.3450

76.3043, 0.3345,
0.3348

46.9549, 0.4142,
0.3500

88.9403, 0.3165,
0.3301

39.8362, 0.4509,
0.3543

98.3300, 0.3072,
0.3290

33.9453, 0.4919,
0.3572

■ 29.2116, 0.5345,
0.3577

■ 25.5573, 0.5744,
0.3551

■ 22.8943, 0.6061,
0.3492

■ 21.4585, 0.6231,
0.3434

Harmonies

Analogous

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



65.1277, 0.3442, 0.3206



65.1277, 0.3563, 0.3398



65.1277, 0.3561, 0.3571

Triad

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



65.1277, 0.3563, 0.3398



65.1277, 0.3009, 0.3563



65.1277, 0.2816, 0.2915

Complementary

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



65.1277, 0.3563, 0.3398



77.6855, 0.2787, 0.3179

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.



65.1277, 0.2709, 0.2993



65.1277, 0.3563, 0.3398



65.1277, 0.2818, 0.3367

Square

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



65.1277, 0.3563, 0.3398



65.1277, 0.3236, 0.3678



65.1277, 0.2710, 0.3156



65.1277, 0.3006, 0.2934

Rectangle

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



65.1277, 0.3563, 0.3398



65.1277, 0.3492, 0.3653



65.1277, 0.2710, 0.3156



65.1277, 0.2769, 0.2931

Sweetspot

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



65.1307, 0.3563, 0.3398



89.9436, 0.3244, 0.3322



62.9447, 0.3221, 0.2820



19.0741, 0.3255, 0.3325



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.



65.1307, 0.3563, 0.3398



65.5274, 0.3681, 0.3422



78.6439, 0.3504, 0.3672



16.9715, 0.3289, 0.3334



11.6004, 0.6208, 0.3453



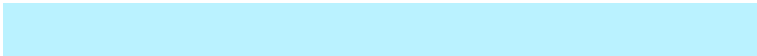
1.1517, 0.5985, 0.3630

Inverse Universe

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



77.6855, 0.2787, 0.3179



81.4414, 0.2719, 0.3153



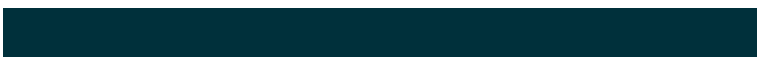
63.4802, 0.2764, 0.2877



18.2133, 0.2980, 0.3246



26.0658, 0.2082, 0.2695



2.4217, 0.2105, 0.2778

Previews

White Background



This preview shows how the Yxy color 65.1277, 0.3563, 0.3398 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 65.1277, 0.3563, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

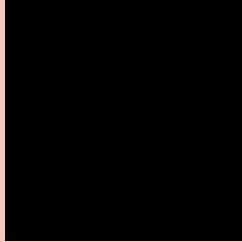
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1277, 0.3563, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 65.1277, 0.3563, 0.3398.



This preview shows how white text looks on a background with the Yxy color 65.1277, 0.3563, 0.3398.

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

65.1277, 0.3563, 0.3398

Protanopia

65.1388, 0.3294, 0.3449

Deuteranopia

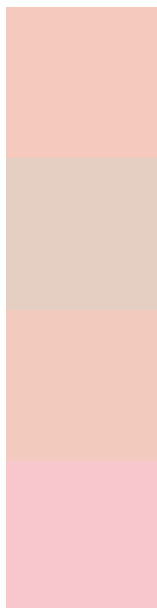
65.2542, 0.3508, 0.3443



Tritanopia

65.3320, 0.3420, 0.3135

Trichromacy



Original Color

65.1277, 0.3563, 0.3398

Protanomaly

65.1787, 0.3392, 0.3435

Deuteranomaly

65.3068, 0.3534, 0.3431

Tritanomaly

65.2111, 0.3473, 0.3228

Monochromacy



Original Color

65.1277, 0.3563, 0.3398

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.0163, 0.3277, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1277, 0.3563, 0.3398 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(246, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(246, 201, 191)  
}
```

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(246, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 201, 191) }
```

Border

The CSS property to change the border of an element to Yxy 65.1277, 0.3563, 0.3398 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(246, 201, 191) }
```

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

```
.border{ border-color:rgb(246, 201, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 201, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(246, 201,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1277, 0.3563, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 201, 191) }
```

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

```
.background{ background-color: rgb(246,  
201, 191) }
```

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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