

Converting Colors

$Yxy(86.1247, 0.4297, 0.3361)$

Have a look what the booklet for
Yxy(86.1247, 0.4297, 0.3361)
contains.

| | |
|--|----|
| Yxy(65.8684, 0.3641, 0.3375) | 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(65.8684, 0.3641, 0.3375)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFC7BF |
| RGB | 255, 199, 191 |
| RGB Percent | 100%, 78%, 75% |
| CMY | 0.0001, 0.2195, 0.2511 |
| CMYK | 0.00, 0.22, 0.25, 0.00 |
| HSL | 8°, 100%, 87% |
| HSV | 8°, 25%, 100% |
| XYZ | 71.0598, 65.8684, 58.2374 |
| YIQ | 214.8320, 35.9440, 9.3840 |

Conversions

Conversions Part 2

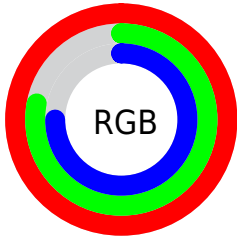
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 200, 191 |
| Decimal | 16762815 |
| CIE _{Lab} | 84.93, 18.76, 11.67 |
| CIE _{LCh} | 85, 22.094, 31.881 |
| Yxy | 65.8684, 0.3641, 0.3375 |
| Android (android.graphics.Color) | 4294952895 (0xFFFFC7BF) |
| YUV | 214.8320, -11.7492, 35.2273 |
| Hunter-Lab | 81.1593, 14.2584, 14.2669 |

Details

The Yxy color **65.8684, 0.3641, 0.3375** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.7712, 0.2749, 0.3203**, and the grayscale version is **67.8981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **33.9561, 0.3762, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **55.3264, 0.3929, 0.3411**, and if you desaturate by 10%, it is **78.1145, 0.3404, 0.3340**.

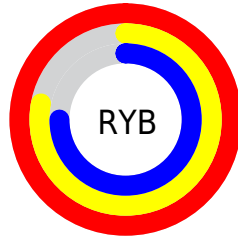
Distribution



Red (100%)

Green (78%)

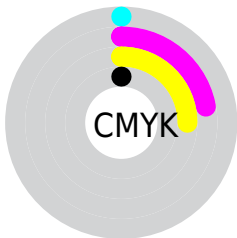
Blue (75%)



Red (100%)

Yellow (78%)

Blue (75%)

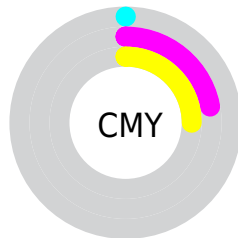


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8684, 0.3641, 0.3375 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 65.8684, 0.3641, 0.3375 by changing the saturation by 10% instead.

 65.8684, 0.3641,
0.3375

 65.8684, 0.3641,
0.3375

445.9061, 0.3397,
0.3340

 48.1656, 0.3698,
0.3382

 113.2974, 0.3555,
0.3364

 33.9580, 0.3770,
0.3390

143.7924, 0.3522,
0.3359

 22.8614, 0.3862,
0.3399


179.3203, 0.3493,
0.3355

 14.4912, 0.3985,
0.3408

220.2654, 0.3469,
0.3351

 8.4631, 0.4155,
0.3418

267.0121, 0.3447,
0.3348

 4.3927, 0.4408,
0.3424

319.9449, 0.3428,

 1.8955, 0.4815,

0.3345

0.3413

379.4481, 0.3412,
0.3342

0.5457, 0.6433,
0.3567

0.0000, 0.0000,
0.0000

65.8684, 0.3641,
0.3375

65.8684, 0.3641,
0.3375

55.3264, 0.3929,
0.3411

78.1145, 0.3404,
0.3340

46.4041, 0.4275,
0.3445

92.1260, 0.3211,
0.3306

39.0237, 0.4676,
0.3471

99.9971, 0.3127,
0.3290

33.0974, 0.5117,
0.3485

■ 28.5285, 0.5561,
0.3479

■ 25.2082, 0.5949,
0.3448

■ 23.0108, 0.6223,
0.3396

■ 22.2939, 0.6312,
0.3370

Harmonies

Analogous

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



65.8684, 0.3470, 0.3147



65.8684, 0.3641, 0.3375



65.8684, 0.3667, 0.3593

Triad

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



65.8684, 0.3641, 0.3375



65.8684, 0.3031, 0.3659



65.8684, 0.2719, 0.2846

Complementary

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



65.8684, 0.3641, 0.3375



84.7712, 0.2749, 0.3203

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.



65.8684, 0.2614, 0.2958



65.8684, 0.3641, 0.3375



65.8684, 0.2788, 0.3430

Square

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



65.8684, 0.3641, 0.3375



65.8684, 0.3307, 0.3775



65.8684, 0.2639, 0.3169



65.8684, 0.2932, 0.2850

Rectangle

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



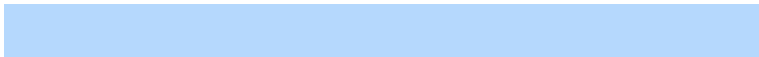
65.8684, 0.3641, 0.3375



65.8684, 0.3598, 0.3705



65.8684, 0.2639, 0.3169



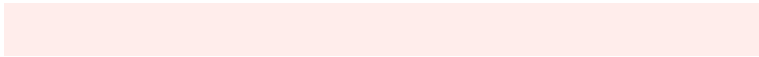
65.8684, 0.2670, 0.2871

Sweetspot

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



65.8714, 0.3641, 0.3375



87.8994, 0.3263, 0.3316



65.2504, 0.3211, 0.2731



18.3550, 0.3291, 0.3321



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.



65.8714, 0.3641, 0.3375



60.5128, 0.3775, 0.3393



81.8579, 0.3564, 0.3690



18.3550, 0.3291, 0.3321



11.7643, 0.6294, 0.3385



1.2557, 0.6124, 0.3519

Inverse Universe

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



84.7712, 0.2749, 0.3203



82.2783, 0.2682, 0.3184



67.1495, 0.2718, 0.2854



20.0685, 0.2980, 0.3259



31.4820, 0.2135, 0.2887



3.1698, 0.2149, 0.2937

Previews

White Background



This preview shows how the Yxy color 65.8684, 0.3641, 0.3375 looks on a white background.

Color Contrast Check

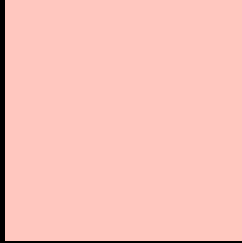
Large Text (above 18pt) WCAG AA × Fail

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 65.8684, 0.3641, 0.3375 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 65.8684, 0.3641, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 65.8684, 0.3641, 0.3375.



This preview shows how white text looks on a background with the Yxy color 65.8684, 0.3641, 0.3375.

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

65.8684, 0.3641, 0.3375

Protanopia

66.3798, 0.3285, 0.3448

Deuteranopia

66.0811, 0.3521, 0.3453



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.8684, 0.3641, 0.3375

Protanomaly

65.8894, 0.3416, 0.3422

Deuteranomaly

66.0224, 0.3566, 0.3429

Tritanomaly

66.0078, 0.3539, 0.3229

Monochromacy



Original Color

65.8684, 0.3641, 0.3375

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8802, 0.3308, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8684, 0.3641, 0.3375 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, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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(255, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 191) }
```

Border

The CSS property to change the border of an element to Yxy 65.8684, 0.3641, 0.3375 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, 199, 191) }
```

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

```
.border{ border-color:rgb(255, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8684, 0.3641, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 191) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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