

Converting Colors

$Y_{xy}(71.8270, 0.3944, 0.3393)$

Have a look what the booklet for
Yxy(71.8270, 0.3944, 0.3393)
contains.

Yxy(65.2360, 0.3676, 0.3406)	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(65.2360, 0.3676, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6BB
RGB	255, 198, 187
RGB Percent	100%, 78%, 73%
CMY	0.0000, 0.2235, 0.2667
CMYK	0.00, 0.22, 0.27, 0.00
HSL	10°, 100%, 87%
HSV	10°, 27%, 100%
XYZ	70.4074, 65.2360, 55.8892
YIQ	213.7890, 37.5030, 8.6630

Conversions

Conversions Part 2

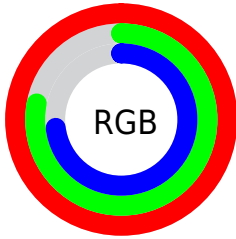
Format	Color
R _Y B	255, 200, 187
Decimal	16762555
CIE Lab	84.61, 18.76, 13.32
CIE LCh	85, 23.013, 35.374
Yxy	65.2360, 0.3676, 0.3406
Android (android.graphics.Color)	4294952635 (0xFFFFC6BB)
YUV	213.7890, -13.2070, 36.1420
Hunter-Lab	80.7688, 14.2557, 15.5115

Details

The Yxy color **65.2360, 0.3676, 0.3406** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.4800, 0.2725, 0.3170**, and the grayscale version is **67.1660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **33.5381, 0.3810, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **55.1481, 0.3966, 0.3452**, and if you desaturate by 10%, it is **76.8960, 0.3436, 0.3361**.

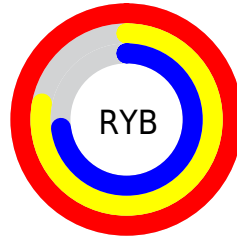
Distribution



Red (100%)

Green (78%)

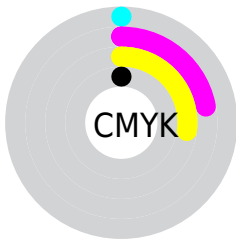
Blue (73%)



Red (100%)

Yellow (78%)

Blue (73%)

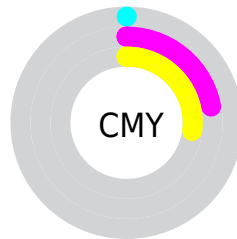


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2360, 0.3676, 0.3406 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 65.2360, 0.3676, 0.3406 by changing the saturation by 10% instead.


 65.2360, 0.3676,
0.3406

 65.2360, 0.3676,
0.3406


443.6396, 0.3414,
0.3357

 47.6525, 0.3738,
0.3416


 112.3891, 0.3584,
0.3390

 33.5518, 0.3814,
0.3427


142.7274, 0.3548,
0.3384

 22.5495, 0.3913,
0.3441


178.0862, 0.3518,
0.3378

 14.2612, 0.4045,
0.3456

218.8497, 0.3492,
0.3373

 8.3025, 0.4228,
0.3472

265.4024, 0.3469,
0.3368

 4.2891, 0.4498,
0.3487

318.1287, 0.3449,

 1.8366, 0.4939,

0.3364

0.3487

377.4129, 0.3431,
0.3360

0.5098, 0.6500,
0.3500

0.0000, 0.0000,
0.0000

65.2360, 0.3676,
0.3406

65.2360, 0.3676,
0.3406

55.1481, 0.3966,
0.3452

76.8960, 0.3436,
0.3361

46.5653, 0.4311,
0.3494

90.1923, 0.3238,
0.3317

39.4145, 0.4707,
0.3528

100.0000, 0.3127,
0.3290

33.6172, 0.5137,
0.3544

■ 29.0868, 0.5565,
0.3535

■ 25.7266, 0.5938,
0.3495

■ 23.4249, 0.6200,
0.3429

■ 22.8651, 0.6265,
0.3407

Harmonies

Analogous

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



65.2360, 0.3512, 0.3167



65.2360, 0.3676, 0.3406



65.2360, 0.3683, 0.3629

Triad

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



65.2360, 0.3676, 0.3406



65.2360, 0.2993, 0.3653



65.2360, 0.2722, 0.2821

Complementary

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



65.2360, 0.3676, 0.3406



82.4800, 0.2725, 0.3170

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.



65.2360, 0.2598, 0.2923



65.2360, 0.3676, 0.3406



65.2360, 0.2749, 0.3404

Square

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



65.2360, 0.3676, 0.3406



65.2360, 0.3281, 0.3791



65.2360, 0.2608, 0.3133



65.2360, 0.2955, 0.2839

Rectangle

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



65.2360, 0.3676, 0.3406



65.2360, 0.3600, 0.3739



65.2360, 0.2608, 0.3133



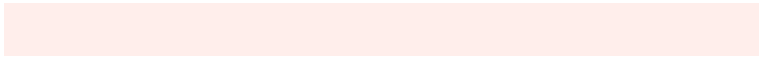
65.2360, 0.2667, 0.2842

Sweetspot

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



65.2358, 0.3676, 0.3406



88.3272, 0.3262, 0.3323



63.3775, 0.3234, 0.2716



18.4618, 0.3290, 0.3329



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.



65.2358, 0.3676, 0.3406



59.6675, 0.3824, 0.3431



82.1098, 0.3589, 0.3738



18.4618, 0.3290, 0.3329



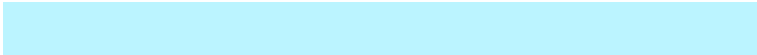
12.0866, 0.6244, 0.3424



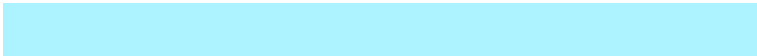
1.3056, 0.6053, 0.3576

Inverse Universe

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



82.4800, 0.2725, 0.3170



79.5300, 0.2651, 0.3143



64.2703, 0.2688, 0.2797



19.9512, 0.2980, 0.3251



29.0156, 0.2101, 0.2765



2.9530, 0.2120, 0.2831

Previews

White Background



This preview shows how the Yxy color 65.2360, 0.3676, 0.3406 looks on a white background.

Color Contrast Check

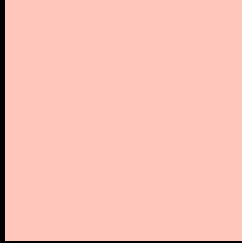
Large Text (above 18pt) WCAG AA × Fail

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 65.2360, 0.3676, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

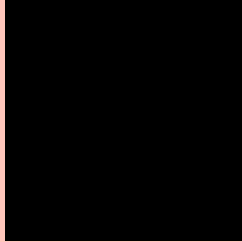
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2360, 0.3676, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 65.2360, 0.3676, 0.3406.



This preview shows how white text looks on a background with the Yxy color 65.2360, 0.3676, 0.3406.

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

65.2360, 0.3676, 0.3406

Protanopia

65.5436, 0.3307, 0.3483

Deuteranopia

65.4317, 0.3555, 0.3485



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.2360, 0.3676, 0.3406

Protanomaly

65.0600, 0.3440, 0.3456

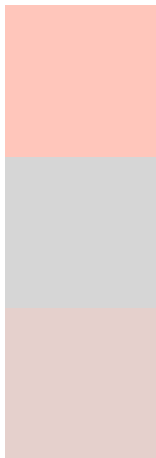
Deuteranomaly

65.3791, 0.3600, 0.3462

Tritanomaly

65.4568, 0.3557, 0.3240

Monochromacy



Original Color

65.2360, 0.3676, 0.3406

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.1294, 0.3316, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2360, 0.3676, 0.3406 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, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 187)  
}
```

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, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 187) }
```

Border

The CSS property to change the border of an element to Yxy 65.2360, 0.3676, 0.3406 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, 198, 187) }
```

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

```
.border{ border-color:rgb(255, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2360, 0.3676, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 187) }
```

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

```
.background{ background-color: rgb(255,  
198, 187) }
```

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