

Converting Colors

$Yxy(66.3157, 0.3623, 0.3275)$

Have a look what the booklet for
Yxy(66.3157, 0.3623, 0.3275)
contains.

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Color

Yxy(65.3160, 0.3581, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5C7
RGB	255, 197, 199
RGB Percent	100%, 77%, 78%
CMY	0.0001, 0.2274, 0.2197
CMYK	0.00, 0.23, 0.22, 0.00
HSL	358°, 100%, 89%
HSV	358°, 23%, 100%
XYZ	71.5061, 65.3160, 62.8599
YIQ	214.5700, 33.9260, 12.9180

Conversions

Conversions Part 2

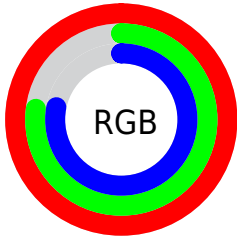
Format	Color
R _Y B	255, 197, 199
Decimal	16762311
CIE Lab	84.65, 20.93, 6.99
CIE LCh	85, 22.067, 18.481
Yxy	65.3160, 0.3581, 0.3271
Android (android.graphics.Color)	4294952391 (0xFFFFC5C7)
YUV	214.5700, -7.6760, 35.4571
Hunter-Lab	80.8183, 16.5006, 10.4575

Details

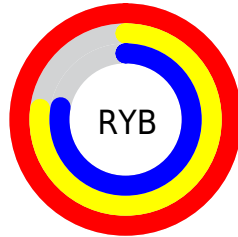
The Yxy color **65.3160, 0.3581, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.4690, 0.2799, 0.3310**, and the grayscale version is **67.6851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.5596, 0.3693, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **53.6480, 0.3866, 0.3262**, and if you desaturate by 10%, it is **79.1335, 0.3353, 0.3280**.

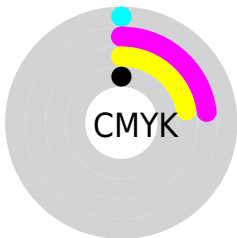
Distribution



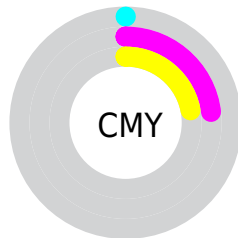
- Red (100%)
- Green (77%)
- Blue (78%)



- Red (100%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3160, 0.3581, 0.3271 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 65.3160, 0.3581, 0.3271 by changing the saturation by 10% instead.


 65.3160, 0.3581,
0.3271

 65.3160, 0.3581,
0.3271


443.9267, 0.3365,
0.3283

 47.7174, 0.3632,
0.3267


112.5040, 0.3505,
0.3276

 33.6031, 0.3695,
0.3262


142.8622, 0.3476,
0.3278

 22.5889, 0.3777,
0.3255


178.2424, 0.3451,
0.3279

 14.2902, 0.3885,
0.3245

219.0289, 0.3429,
0.3280

 8.3228, 0.4037,
0.3227

265.6062, 0.3410,
0.3281

 4.3022, 0.4263,
0.3197


318.3587, 0.3393,

 1.8440, 0.4634,


0.3282


0.3136


377.6707, 0.3378,
0.3283


 0.5144, 0.6330,
0.3224


 0.0000, 0.0000,
0.0000


 65.3160, 0.3581,
0.3271


 65.3160, 0.3581,
0.3271

 53.6480, 0.3866,
0.3262


 79.1335, 0.3353,
0.3280

 44.0132, 0.4215,
0.3255

 95.1913, 0.3170,
0.3288

 36.2979, 0.4629,
0.3249

99.9951, 0.3127,
0.3290

 30.3736, 0.5094,
0.3247

■ 26.0963, 0.5567,
0.3251

■ 23.2997, 0.5983,
0.3262

■ 21.7824, 0.6268,
0.3278

■ 21.2741, 0.6377,
0.3287

Harmonies

Analogous

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



65.3160, 0.3359, 0.3055



65.3160, 0.3581, 0.3271



65.3160, 0.3676, 0.3501

Triad

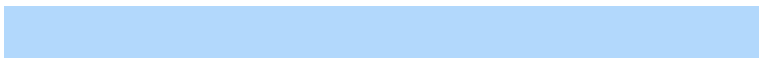
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3160, 0.3581, 0.3271



65.3160, 0.3154, 0.3729



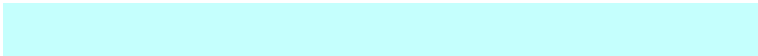
65.3160, 0.2656, 0.2881

Complementary

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



65.3160, 0.3581, 0.3271



90.4690, 0.2799, 0.3310

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.



65.3160, 0.2608, 0.3041



65.3160, 0.3581, 0.3271



65.3160, 0.2888, 0.3542

Square

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



65.3160, 0.3581, 0.3271



65.3160, 0.3422, 0.3780



65.3160, 0.2691, 0.3284



65.3160, 0.2825, 0.2833

Rectangle

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



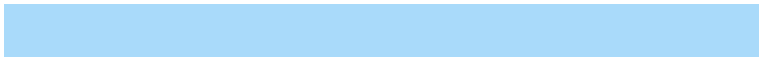
65.3160, 0.3581, 0.3271



65.3160, 0.3652, 0.3635



65.3160, 0.2691, 0.3284



65.3160, 0.2626, 0.2923

Sweetspot

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



65.3190, 0.3581, 0.3271



88.0739, 0.3243, 0.3284



67.8692, 0.3132, 0.2719



18.6427, 0.3254, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

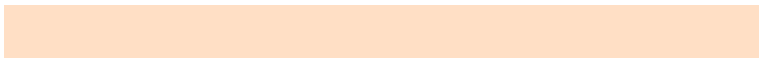
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3190, 0.3581, 0.3271



60.0927, 0.3695, 0.3267



78.1155, 0.3538, 0.3556



17.9970, 0.3289, 0.3282



11.1230, 0.6367, 0.3281



1.0864, 0.6286, 0.3236

Inverse Universe

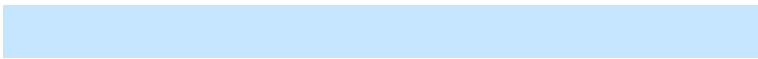
The Inverse Universe completely reimagines the original color for something new.



65.3190, 0.3581, 0.3271



60.0927, 0.3695, 0.3267



75.0715, 0.2767, 0.3008



17.9970, 0.3289, 0.3282



11.1230, 0.6367, 0.3281



1.0864, 0.6286, 0.3236

Previews

White Background



This preview shows how the Yxy color 65.3160, 0.3581, 0.3271 looks on a white background.

Color Contrast Check

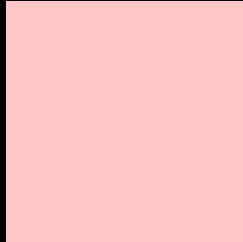
Large Text (above 18pt) WCAG AA × Fail

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 65.3160, 0.3581, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

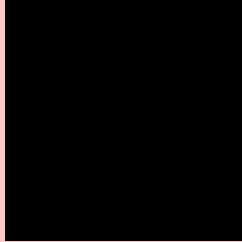
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3160, 0.3581, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 65.3160, 0.3581, 0.3271.



This preview shows how white text looks on a background with the Yxy color 65.3160, 0.3581, 0.3271.

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

65.3160, 0.3581, 0.3271

Protanopia

65.6925, 0.3192, 0.3335

Deuteranopia

65.2675, 0.3430, 0.3356



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.3160, 0.3581, 0.3271

Protanomaly

65.3252, 0.3327, 0.3313

Deuteranomaly

65.0836, 0.3492, 0.3323

Tritanomaly

65.1961, 0.3527, 0.3188

Monochromacy



Original Color

65.3160, 0.3581, 0.3271

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.5382, 0.3287, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3160, 0.3581, 0.3271 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, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 199)  
}
```

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, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 65.3160, 0.3581, 0.3271 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, 197, 199) }
```

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

```
.border{ border-color:rgb(255, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3160, 0.3581, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 199) }
```

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

```
.background{ background-color: rgb(255,  
197, 199) }
```

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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