

Converting Colors

$Yxy(64.6567, 0.3488, 0.3270)$

Have a look what the booklet for
Yxy(64.6567, 0.3488, 0.3270)
contains.

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Color

Yxy(64.6567, 0.3488, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F6C7C9
RGB	246, 199, 201
RGB Percent	96%, 78%, 79%
CMY	0.0354, 0.2196, 0.2118
CMYK	0.00, 0.19, 0.18, 0.04
HSL	357°, 72%, 87%
HSV	357°, 19%, 96%
XYZ	68.9671, 64.6567, 64.1031
YIQ	213.2810, 27.3700, 10.5860

Conversions

Conversions Part 2

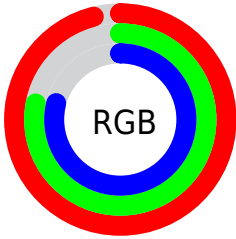
Format	Color
R _Y B	246, 199, 201
Decimal	16173001
CIE Lab	84.31, 16.95, 5.32
CIE LCh	84, 17.761, 17.424
Yxy	64.6567, 0.3488, 0.3270
Android (android.graphics.Color)	4294363081 (0xFFFF6C7C9)
YUV	213.2810, -6.0545, 28.6946
Hunter-Lab	80.4094, 12.3830, 9.0201

Details

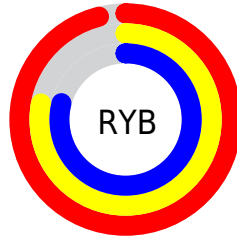
The Yxy color $64.6567, 0.3488, 0.3270$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.5758, 0.2851, 0.3310$, and the grayscale version is $66.7658, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.1762, 0.3579, 0.3264$ is the 20% darker color. If you saturate the color by 10%, you get $53.2144, 0.3748, 0.3259$, and if you desaturate by 10%, it is $78.1045, 0.3280, 0.3281$.

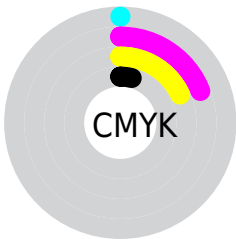
Distribution



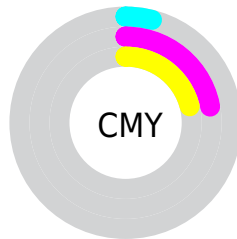
- Red (96%)
- Green (78%)
- Blue (79%)



- Red (96%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6567, 0.3488, 0.3270 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 64.6567, 0.3488, 0.3270 by changing the saturation by 10% instead.


 64.6567, 0.3488,
0.3270

 64.6567, 0.3488,
0.3270

441.5573, 0.3316,
0.3282

 47.1828, 0.3528,
0.3267


111.5562, 0.3427,
0.3274

 33.1802, 0.3579,
0.3263


141.7505, 0.3404,
0.3276

 22.2645, 0.3644,
0.3257


176.9537, 0.3384,
0.3277

 14.0514, 0.3731,
0.3248

217.5502, 0.3367,
0.3278

 8.1564, 0.3853,
0.3234

263.9244, 0.3352,
0.3279

 4.1952, 0.4035,
0.3211

316.4608, 0.3339,

 1.7833, 0.4337,

0.3280

375.5436, 0.3327,
0.3281

0.3165

0.4768, 0.5815,
0.3197

0.0000, 0.0000,
0.0000

64.6567, 0.3488,
0.3270

64.6567, 0.3488,
0.3270

53.2144, 0.3748,
0.3259

78.1045, 0.3280,
0.3281

43.6732, 0.4069,
0.3248

93.6379, 0.3114,
0.3291

35.9328, 0.4455,
0.3240

98.3296, 0.3072,
0.3290

29.8802, 0.4900,
0.3235

■ 25.3894, 0.5373,
0.3236

■ 22.3171, 0.5819,
0.3246

■ 20.4935, 0.6164,
0.3264

■ 19.6658, 0.6358,
0.3282

■ 19.6124, 0.6370,
0.3283

Harmonies

Analogous

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



64.6567, 0.3308, 0.3093



64.6567, 0.3488, 0.3270



64.6567, 0.3568, 0.3458

Triad

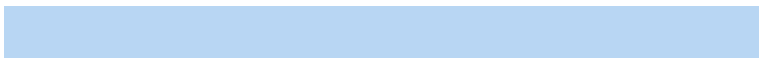
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6567, 0.3488, 0.3270



64.6567, 0.3159, 0.3644



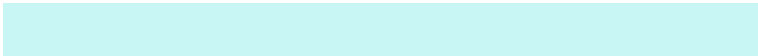
64.6567, 0.2741, 0.2963

Complementary

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



64.6567, 0.3488, 0.3270



84.5758, 0.2851, 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.



64.6567, 0.2705, 0.3097



64.6567, 0.3488, 0.3270



64.6567, 0.2941, 0.3499

Square

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



64.6567, 0.3488, 0.3270



64.6567, 0.3373, 0.3683



64.6567, 0.2777, 0.3294



64.6567, 0.2877, 0.2918

Rectangle

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



64.6567, 0.3488, 0.3270



64.6567, 0.3553, 0.3567



64.6567, 0.2777, 0.3294



64.6567, 0.2717, 0.2998

Sweetspot

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



64.6596, 0.3488, 0.3270



89.7156, 0.3225, 0.3284



66.6733, 0.3132, 0.2813



18.9740, 0.3236, 0.3283



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.



64.6596, 0.3488, 0.3270



65.0137, 0.3584, 0.3266



74.9785, 0.3463, 0.3511



16.4939, 0.3287, 0.3280



10.4752, 0.6357, 0.3275



0.9246, 0.6246, 0.3215

Inverse Universe

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



64.6596, 0.3488, 0.3270



65.0137, 0.3584, 0.3266



72.5639, 0.2827, 0.3058



16.4939, 0.3287, 0.3280



10.4752, 0.6357, 0.3275



0.9246, 0.6246, 0.3215

Previews

White Background



This preview shows how the Yxy color 64.6567, 0.3488, 0.3270 looks on a white background.

Color Contrast Check

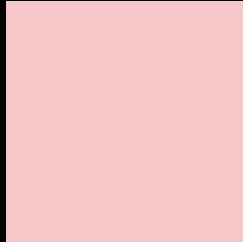
Large Text (above 18pt) WCAG AA × Fail

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 64.6567, 0.3488, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

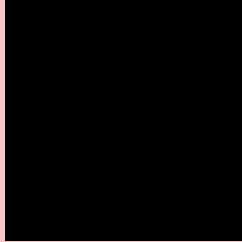
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6567, 0.3488, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 64.6567, 0.3488, 0.3270.



This preview shows how white text looks on a background with the Yxy color 64.6567, 0.3488, 0.3270.

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

64.6567, 0.3488, 0.3270

Protanopia

65.0453, 0.3185, 0.3324

Deuteranopia

64.5442, 0.3401, 0.3323



Tritanopia

64.5108, 0.3405, 0.3123

Trichromacy



Original Color

64.6567, 0.3488, 0.3270

Protanomaly

64.7191, 0.3288, 0.3302

Deuteranomaly

64.7619, 0.3434, 0.3312

Tritanomaly

64.7658, 0.3435, 0.3175

Monochromacy



Original Color

64.6567, 0.3488, 0.3270

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7228, 0.3249, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6567, 0.3488, 0.3270 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, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 201)  
}
```

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, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 201) }
```

Border

The CSS property to change the border of an element to Yxy 64.6567, 0.3488, 0.3270 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, 199, 201) }
```

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

```
.border{ border-color:rgb(246, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6567, 0.3488, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 201) }
```

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

```
.background{ background-color: rgb(246,  
199, 201) }
```

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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