

Converting Colors

$Yxy(64.2958, 0.3478, 0.3240)$

Have a look what the booklet for
Yxy(64.2958, 0.3478, 0.3240)
contains.

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Color

Yxy(64.2928, 0.3474, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	F6C6CB
RGB	246, 198, 203
RGB Percent	96%, 78%, 80%
CMY	0.0353, 0.2235, 0.2038
CMYK	0.00, 0.20, 0.17, 0.04
HSL	354°, 73%, 87%
HSV	354°, 20%, 96%
XYZ	68.9787, 64.2928, 65.2856
YIQ	212.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

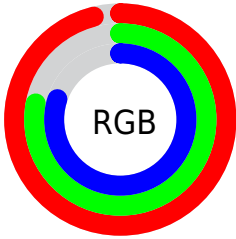
Format	Color
R _Y B	246, 198, 203
Decimal	16172747
CIE Lab	84.12, 17.78, 3.97
CIE LCh	84, 18.221, 12.580
Yxy	64.2928, 0.3474, 0.3238
Android (android.graphics.Color)	4294362827 (0xFFFF6C6CB)
YUV	212.9220, -4.8915, 29.0094
Hunter-Lab	80.1828, 13.2381, 7.8535

Details

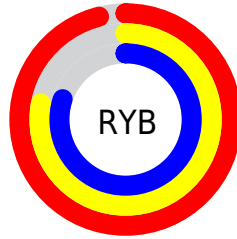
The Yxy color **64.2928, 0.3474, 0.3238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2623, 0.2861, 0.3343**, and the grayscale version is **66.5065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9353, 0.3560, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **52.9712, 0.3718, 0.3210**, and if you desaturate by 10%, it is **77.5957, 0.3278, 0.3266**.

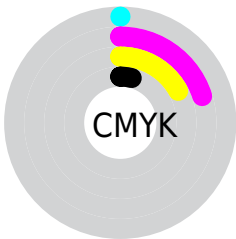
Distribution



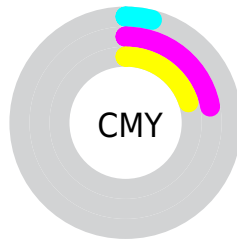
- Red (96%)
- Green (78%)
- Blue (80%)



- Red (96%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2928, 0.3474, 0.3238 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 64.2928, 0.3474, 0.3238 by changing the saturation by 10% instead.

 64.2928, 0.3474,
0.3238

 64.2928, 0.3474,
0.3238


440.2462, 0.3309,
0.3264

 46.8879, 0.3513,
0.3231

111.0325, 0.3416,
0.3248

 32.9470, 0.3561,
0.3223


141.1361, 0.3393,
0.3251

 22.0859, 0.3624,
0.3212


176.2413, 0.3374,
0.3254

 13.9200, 0.3708,
0.3197

216.7326, 0.3358,
0.3257

 8.0650, 0.3825,
0.3174

262.9943, 0.3343,
0.3259

 4.1366, 0.4001,
0.3138


315.4109, 0.3331,


 1.7503, 0.4292,


0.3261

0.3072


374.3668, 0.3319,
0.3263

 0.4559, 0.5625,
0.2956

 0.0000, 0.0000,
0.0000


 64.2928, 0.3474,
0.3238


 64.2928, 0.3474,
0.3238


 52.9712, 0.3718,
0.3210

 77.5957, 0.3278,
0.3266

 43.5278, 0.4019,
0.3182

 92.9591, 0.3120,
0.3291

 35.8635, 0.4381,
0.3158

 98.3311, 0.3072,
0.3290

 29.8667, 0.4800,
0.3143

■ 25.4131, 0.5252,
0.3141

■ 22.3608, 0.5693,
0.3159

■ 20.5419, 0.6056,
0.3197

■ 19.6957, 0.6293,
0.3244

■ 19.6644, 0.6302,
0.3245

Harmonies

Analogous

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



64.2928, 0.3277, 0.3062



64.2928, 0.3474, 0.3238



64.2928, 0.3576, 0.3432

Triad

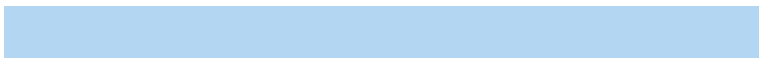
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.2928, 0.3474, 0.3238



64.2928, 0.3197, 0.3669



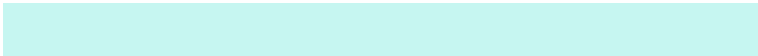
64.2928, 0.2717, 0.2970

Complementary

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



64.2928, 0.3474, 0.3238



84.2623, 0.2861, 0.3343

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.



64.2928, 0.2699, 0.3121



64.2928, 0.3474, 0.3238



64.2928, 0.2970, 0.3535

Square

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



64.2928, 0.3474, 0.3238



64.2928, 0.3411, 0.3690



64.2928, 0.2789, 0.3330



64.2928, 0.2841, 0.2909

Rectangle

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



64.2928, 0.3474, 0.3238



64.2928, 0.3574, 0.3549



64.2928, 0.2789, 0.3330



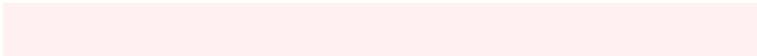
64.2928, 0.2699, 0.3012

Sweetspot

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



64.2957, 0.3474, 0.3238



89.7724, 0.3219, 0.3275



65.6392, 0.3108, 0.2799



18.9874, 0.3229, 0.3273



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.



64.2957, 0.3474, 0.3238



65.1848, 0.3554, 0.3228



72.9864, 0.3477, 0.3483



16.5106, 0.3277, 0.3266



10.5064, 0.6279, 0.3233



0.9326, 0.6036, 0.3099

Inverse Universe

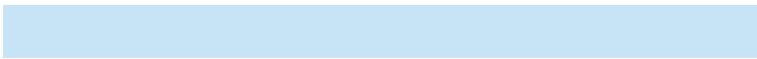
The Inverse Universe completely reimagines the original color for something new.



64.2957, 0.3474, 0.3238



65.1848, 0.3554, 0.3228



73.9256, 0.2822, 0.3088



16.5106, 0.3277, 0.3266



10.5064, 0.6279, 0.3233



0.9326, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 64.2928, 0.3474, 0.3238 looks on a white background.

Color Contrast Check

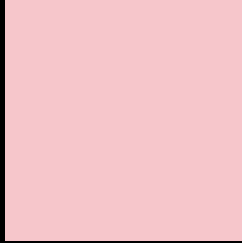
Large Text (above 18pt) WCAG AA × Fail

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 64.2928, 0.3474, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

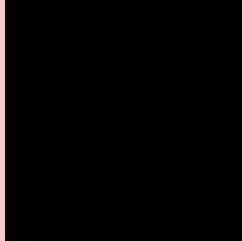
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2928, 0.3474, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 64.2928, 0.3474, 0.3238.



This preview shows how white text looks on a background with the Yxy color 64.2928, 0.3474, 0.3238.

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

64.2928, 0.3474, 0.3238

Protanopia

64.5005, 0.3165, 0.3290

Deuteranopia

64.2998, 0.3369, 0.3302



Tritanopia

64.4601, 0.3413, 0.3134

Trichromacy



Original Color

64.2928, 0.3474, 0.3238

Protanomaly

64.3364, 0.3275, 0.3268

Deuteranomaly

64.2147, 0.3412, 0.3280

Tritanomaly

64.3101, 0.3437, 0.3165

Monochromacy



Original Color

64.2928, 0.3474, 0.3238

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 64.2928, 0.3474, 0.3238 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, 198, 203)` looks like.

```
.text, #text, p{  
    color:rgb(246, 198, 203)  
}
```

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, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 198, 203) }
```

Border

The CSS property to change the border of an element to Yxy 64.2928, 0.3474, 0.3238 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, 198, 203) }
```

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

```
.border{ border-color:rgb(246, 198, 203) }
```

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

Here you see how a box with a 4 pixel rgb(246, 198, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 198,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2928, 0.3474, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 198, 203) }
```

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

```
.background{ background-color: rgb(246,  
198, 203) }
```

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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