

Converting Colors

$Y_{xy}(60.1018, 0.3632, 0.3225)$

Have a look what the booklet for
Yxy(60.1018, 0.3632, 0.3225)
contains.

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Color

Yxy(60.0864, 0.3629, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	FCBBC1
RGB	252, 187, 193
RGB Percent	99%, 73%, 76%
CMY	0.0117, 0.2667, 0.2430
CMYK	0.00, 0.26, 0.23, 0.01
HSL	354°, 92%, 86%
HSV	354°, 26%, 99%
XYZ	67.5507, 60.0864, 58.5042
YIQ	207.1190, 36.8140, 15.6460

Conversions

Conversions Part 2

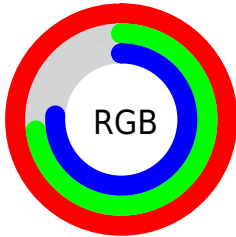
Format	Color
R _Y B	252, 187, 193
Decimal	16563137
CIE Lab	81.89, 24.29, 6.17
CIE LCh	82, 25.058, 14.262
Yxy	60.0864, 0.3629, 0.3228
Android (android.graphics.Color)	4294753217 (0xFFFCBBC1)
YUV	207.1190, -6.9607, 39.3606
Hunter-Lab	77.5154, 19.9015, 9.5121

Details

The Yxy color **60.0864, 0.3629, 0.3228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.8559, 0.2778, 0.3354**, and the grayscale version is **62.5088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2007, 0.3169, 0.3232**, and **30.1378, 0.3752, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **49.3754, 0.3912, 0.3203**, and if you desaturate by 10%, it is **72.8371, 0.3400, 0.3253**.

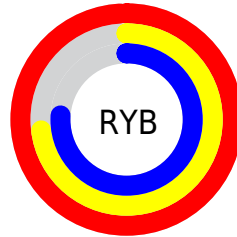
Distribution



Red (99%)

Green (73%)

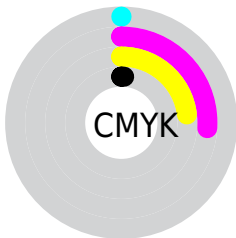
Blue (76%)



Red (99%)

Yellow (73%)

Blue (76%)

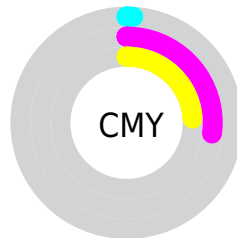


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0864, 0.3629, 0.3228 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 60.0864, 0.3629, 0.3228 by changing the saturation by 10% instead.


 60.0864, 0.3629,
0.3228

 60.0864, 0.3629,
0.3228


424.9162, 0.3387,
0.3261

 43.4883, 0.3687,
0.3219


 104.9550, 0.3543,
0.3240

 30.2684, 0.3760,
0.3208


133.9943, 0.3510,
0.3245

 20.0424, 0.3854,
0.3192


167.9493, 0.3482,
0.3249

 12.4259, 0.3981,
0.3170

207.2047, 0.3458,
0.3252

 7.0344, 0.4161,
0.3135

252.1446, 0.3437,
0.3255

 3.4836, 0.4434,
0.3078


303.1536, 0.3418,

 1.3891, 0.4896,


0.3257


0.2966

360.6160, 0.3402,
0.3259


 0.2087, 0.7913,
0.2087


 0.0000, 0.0000,
0.0000


 60.0864, 0.3629,
0.3228


 60.0864, 0.3629,
0.3228


 49.3754, 0.3912,
0.3203


 72.8371, 0.3400,
0.3253

 40.5905, 0.4257,
0.3181

 87.7169, 0.3216,
0.3277

 33.6196, 0.4663,
0.3164

 99.4408, 0.3109,
0.3290

 28.3359, 0.5113,
0.3158

■ 24.5961, 0.5568,
0.3168

■ 22.2329, 0.5966,
0.3197

■ 21.0401, 0.6243,
0.3240

■ 20.7642, 0.6320,
0.3255

Harmonies

Analogous

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



60.0864, 0.3353, 0.2986



60.0864, 0.3629, 0.3228



60.0864, 0.3764, 0.3495

Triad

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



60.0864, 0.3629, 0.3228



60.0864, 0.3202, 0.3825



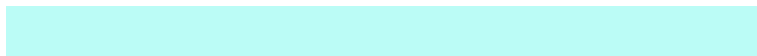
60.0864, 0.2564, 0.2832

Complementary

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



60.0864, 0.3629, 0.3228



86.8559, 0.2778, 0.3354

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.



60.0864, 0.2530, 0.3032



60.0864, 0.3629, 0.3228



60.0864, 0.2887, 0.3624

Square

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



60.0864, 0.3629, 0.3228



60.0864, 0.3508, 0.3857



60.0864, 0.2645, 0.3324



60.0864, 0.2741, 0.2760

Rectangle

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



60.0864, 0.3629, 0.3228



60.0864, 0.3753, 0.3658



60.0864, 0.2645, 0.3324



60.0864, 0.2536, 0.2886

Sweetspot

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



60.0892, 0.3629, 0.3228



86.5327, 0.3253, 0.3272



62.0741, 0.3108, 0.2636



18.0144, 0.3280, 0.3268



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.



60.0892, 0.3629, 0.3228



55.7219, 0.3769, 0.3215



71.8799, 0.3613, 0.3561



17.2514, 0.3279, 0.3268



10.8226, 0.6298, 0.3243



1.0109, 0.6086, 0.3127

Inverse Universe

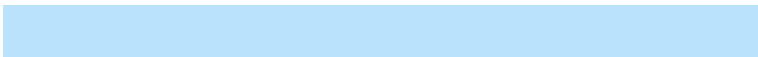
The Inverse Universe completely reimagines the original color for something new.



60.0892, 0.3629, 0.3228



55.7219, 0.3769, 0.3215



71.9940, 0.2721, 0.3002



17.2514, 0.3279, 0.3268



10.8226, 0.6298, 0.3243



1.0109, 0.6086, 0.3127

Previews

White Background



This preview shows how the Yxy color 60.0864, 0.3629, 0.3228 looks on a white background.

Color Contrast Check

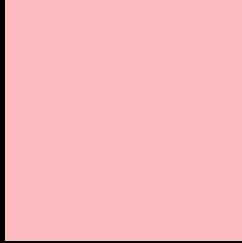
Large Text (above 18pt) WCAG AA × Fail

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 60.0864, 0.3629, 0.3228 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 60.0864, 0.3629, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 60.0864, 0.3629, 0.3228.



This preview shows how white text looks on a background with the Yxy color 60.0864, 0.3629, 0.3228.

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

60.0864, 0.3629, 0.3228

Protanopia

60.3860, 0.3173, 0.3302

Deuteranopia

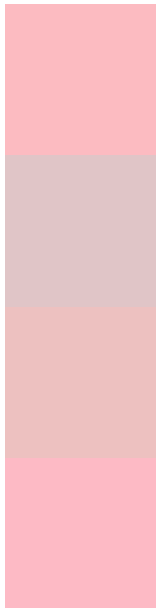
60.1881, 0.3424, 0.3358



Tritanopia

60.1706, 0.3580, 0.3145

Trichromacy



Original Color

60.0864, 0.3629, 0.3228

Protanomaly

59.9033, 0.3329, 0.3268

Deuteranomaly

59.9502, 0.3498, 0.3302

Tritanomaly

60.0317, 0.3606, 0.3176

Monochromacy



Original Color

60.0864, 0.3629, 0.3228

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.2608, 0.3294, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0864, 0.3629, 0.3228 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(252, 187, 193)` looks like.

```
.text, #text, p{  
    color:rgb(252, 187, 193)  
}
```

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(252, 187, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 187, 193) }
```

Border

The CSS property to change the border of an element to Yxy 60.0864, 0.3629, 0.3228 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(252, 187, 193) }
```

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

```
.border{ border-color:rgb(252, 187, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 187, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 187, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 187, 193);  
box-shadow:4px 4px 4px 4px rgb(252, 187,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0864, 0.3629, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 187, 193) }
```

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

```
.background{ background-color: rgb(252,  
187, 193) }
```

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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