

Converting Colors

$Yxy(63.2044, 0.3545, 0.3366)$

Have a look what the booklet for
Yxy(63.2044, 0.3545, 0.3366)
contains.

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Color

Yxy(63.2044, 0.3545, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	F3C6BF
RGB	243, 198, 191
RGB Percent	95%, 78%, 75%
CMY	0.0470, 0.2235, 0.2508
CMYK	0.00, 0.19, 0.21, 0.05
HSL	8°, 68%, 85%
HSV	8°, 21%, 95%
XYZ	66.5655, 63.2044, 58.0031
YIQ	210.6570, 29.0670, 7.3630

Conversions

Conversions Part 2

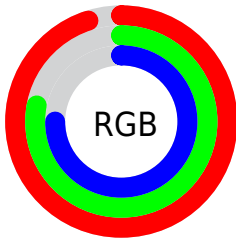
Format	Color
R _Y B	243, 199, 191
Decimal	15976127
CIE Lab	83.55, 14.93, 9.51
CIE LCh	84, 17.701, 32.492
Yxy	63.2044, 0.3545, 0.3366
Android (android.graphics.Color)	4294166207 (0xFFFF3C6BF)
YUV	210.6570, -9.6909, 28.3648
Hunter-Lab	79.5012, 10.3291, 12.3936

Details

The Yxy color **63.2044, 0.3545, 0.3366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5717, 0.2803, 0.3213**, and the grayscale version is **64.9575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **32.2206, 0.3647, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **53.2622, 0.3811, 0.3404**, and if you desaturate by 10%, it is **74.6667, 0.3327, 0.3329**.

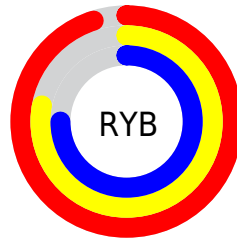
Distribution



Red (95%)

Green (78%)

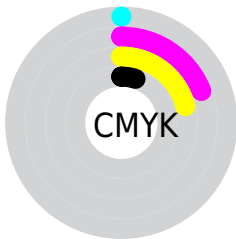
Blue (75%)



Red (95%)

Yellow (78%)

Blue (75%)

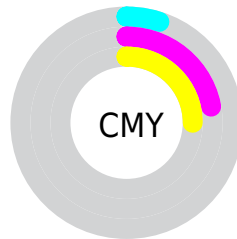


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (5%)



Cyan (5%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2044, 0.3545, 0.3366 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 63.2044, 0.3545, 0.3366 by changing the saturation by 10% instead.


 63.2044, 0.3545,
0.3366

 63.2044, 0.3545,
0.3366


436.3109, 0.3345,
0.3333

 46.0066, 0.3592,
0.3373


 109.4643, 0.3474,
0.3355

 32.2510, 0.3652,
0.3381


139.2953, 0.3447,
0.3351

 21.5533, 0.3728,
0.3390

174.1060, 0.3424,
0.3347

 13.5290, 0.3831,
0.3402

214.2810, 0.3404,
0.3344

 7.7938, 0.3975,
0.3415

260.2046, 0.3386,
0.3341

 3.9633, 0.4192,
0.3429

312.2611, 0.3371,

 1.6531, 0.4553,

0.3338

0.3435

370.8351, 0.3357,
0.3335

0.3930, 0.6525,
0.3475

0.0000, 0.0000,
0.0000

63.2044, 0.3545,
0.3366

63.2044, 0.3545,
0.3366

53.2622, 0.3811,
0.3404

74.6667, 0.3327,
0.3329

44.7680, 0.4132,
0.3441

87.7003, 0.3149,
0.3295

37.6565, 0.4509,
0.3473

97.7962, 0.3054,
0.3290

31.8541, 0.4934,
0.3494

■ 27.2806, 0.5378,
0.3497

■ 23.8463, 0.5793,
0.3476

■ 21.4495, 0.6118,
0.3429

■ 20.1189, 0.6300,
0.3380

Harmonies

Analogous

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



63.2044, 0.3409, 0.3177



63.2044, 0.3545, 0.3366



63.2044, 0.3564, 0.3543

Triad

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



63.2044, 0.3545, 0.3366



63.2044, 0.3046, 0.3584



63.2044, 0.2797, 0.2927

Complementary

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



63.2044, 0.3545, 0.3366



77.5717, 0.2803, 0.3213

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.



63.2044, 0.2708, 0.3018



63.2044, 0.3545, 0.3366



63.2044, 0.2848, 0.3400

Square

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



63.2044, 0.3545, 0.3366



63.2044, 0.3270, 0.3680



63.2044, 0.2726, 0.3190



63.2044, 0.2974, 0.2930

Rectangle

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



63.2044, 0.3545, 0.3366



63.2044, 0.3508, 0.3631



63.2044, 0.2726, 0.3190



63.2044, 0.2756, 0.2947

Sweetspot

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



63.2073, 0.3545, 0.3366



90.8885, 0.3227, 0.3310



62.3955, 0.3203, 0.2825



19.2500, 0.3239, 0.3313



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.



63.2073, 0.3545, 0.3366



65.1173, 0.3663, 0.3384



76.1056, 0.3489, 0.3637



16.8402, 0.3290, 0.3322



11.1502, 0.6281, 0.3395



1.0897, 0.6086, 0.3550

Inverse Universe

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



77.5717, 0.2803, 0.3213



83.9854, 0.2736, 0.3194



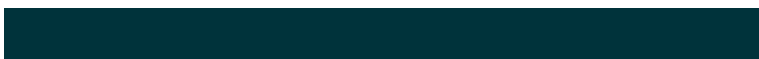
63.6928, 0.2782, 0.2917



18.3570, 0.2981, 0.3257



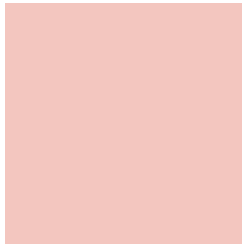
29.1179, 0.2128, 0.2860



2.6619, 0.2144, 0.2919

Previews

White Background



This preview shows how the Yxy color 63.2044, 0.3545, 0.3366 looks on a white background.

Color Contrast Check

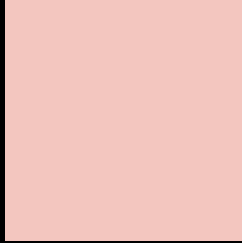
Large Text (above 18pt) WCAG AA × Fail

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 63.2044, 0.3545, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

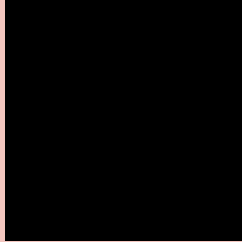
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2044, 0.3545, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 63.2044, 0.3545, 0.3366.



This preview shows how white text looks on a background with the Yxy color 63.2044, 0.3545, 0.3366.

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

63.2044, 0.3545, 0.3366

Protanopia

63.5443, 0.3266, 0.3428

Deuteranopia

63.1532, 0.3481, 0.3412



Tritanopia

63.0958, 0.3416, 0.3132

Trichromacy



Original Color

63.2044, 0.3545, 0.3366

Protanomaly

63.0883, 0.3365, 0.3403

Deuteranomaly

63.2034, 0.3508, 0.3400

Tritanomaly

63.0247, 0.3462, 0.3216

Monochromacy



Original Color

63.2044, 0.3545, 0.3366

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1902, 0.3272, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2044, 0.3545, 0.3366 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(243, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 198, 191)  
}
```

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(243, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 198, 191) }
```

Border

The CSS property to change the border of an element to Yxy 63.2044, 0.3545, 0.3366 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(243, 198, 191) }
```

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

```
.border{ border-color:rgb(243, 198, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 198, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 198,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2044, 0.3545, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 198, 191) }
```

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

```
.background{ background-color: rgb(243,  
198, 191) }
```

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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