

Converting Colors

Yxy(63.4635, 0.3591, 0.3458)

Have a look what the booklet for
Yxy(63.4635, 0.3591, 0.3458)
contains.

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Color

Yxy(63.6465, 0.3588, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	F2C8B8
RGB	242, 200, 184
RGB Percent	95%, 78%, 72%
CMY	0.0510, 0.2157, 0.2784
CMYK	0.00, 0.17, 0.24, 0.05
HSL	17°, 69%, 84%
HSV	17°, 24%, 95%
XYZ	65.9248, 63.6465, 54.1657
YIQ	210.7340, 30.1680, 3.9280

Conversions

Conversions Part 2

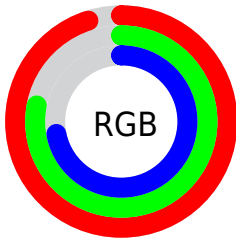
Format	Color
R _Y B	242, 206, 184
Decimal	15911096
CIE Lab	83.78, 12.50, 13.57
CIE LCh	84, 18.449, 47.333
Yxy	63.6465, 0.3588, 0.3464
Android (android.graphics.Color)	4294101176 (0xFFFF2C8B8)
YUV	210.7340, -13.1799, 27.4203
Hunter-Lab	79.7788, 7.8899, 15.5903

Details

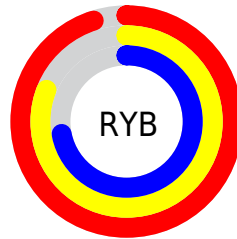
The Yxy color **63.6465, 0.3588, 0.3464** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0011, 0.2758, 0.3109**, and the grayscale version is **65.0326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **32.5108, 0.3704, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **55.0610, 0.3844, 0.3541**, and if you desaturate by 10%, it is **73.3421, 0.3372, 0.3388**.

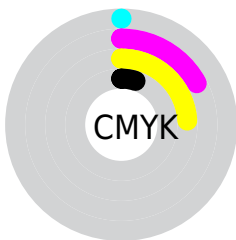
Distribution



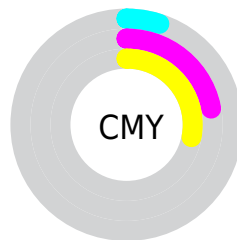
- Red (95%)
- Green (78%)
- Blue (72%)



- Red (95%)
- Yellow (81%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6465, 0.3588, 0.3464 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 63.6465, 0.3588, 0.3464 by changing the saturation by 10% instead.


 63.6465, 0.3588,
0.3464

 63.6465, 0.3588,
0.3464


437.9120, 0.3368,
0.3386

 46.3644, 0.3640,
0.3481

 110.1017, 0.3510,
0.3437

 32.5335, 0.3705,
0.3502


140.0436, 0.3480,
0.3427

 21.7693, 0.3789,
0.3528


174.9742, 0.3455,
0.3418

 13.6875, 0.3901,
0.3560

215.2779, 0.3433,
0.3410

 7.9036, 0.4057,
0.3602

261.3392, 0.3413,
0.3403

 4.0333, 0.4291,
0.3655

313.5423, 0.3396,

 1.6922, 0.4692,


0.3396

0.3735


372.2718, 0.3381,
0.3391


 0.4186, 0.6268,
0.3732


 0.0000, 0.0000,
0.0000


 63.6465, 0.3588,
0.3464


 63.6465, 0.3588,
0.3464


 55.0610, 0.3844,
0.3541


 73.3421, 0.3372,
0.3388


 47.5367, 0.4144,
0.3616

 84.1771, 0.3190,
0.3317

 41.0340, 0.4486,
0.3681

 96.0859, 0.3048,
0.3266

 35.5071, 0.4860,
0.3726

 97.6171, 0.3047,
0.3290

■ 30.9068, 0.5246,
0.3740

■ 27.1790, 0.5607,
0.3712

■ 24.2630, 0.5905,
0.3638

■ 22.8597, 0.6047,
0.3580

Harmonies

Analogous

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



63.6465, 0.3504, 0.3268



63.6465, 0.3588, 0.3464



63.6465, 0.3543, 0.3624

Triad

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



63.6465, 0.3588, 0.3464



63.6465, 0.2934, 0.3509



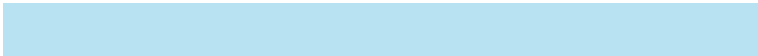
63.6465, 0.2865, 0.2902

Complementary

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



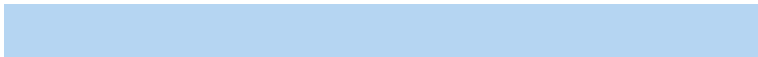
63.6465, 0.3588, 0.3464



71.0011, 0.2758, 0.3109

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.



63.6465, 0.2724, 0.2949



63.6465, 0.3588, 0.3464



63.6465, 0.2763, 0.3295

Square

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



63.6465, 0.3588, 0.3464



63.6465, 0.3161, 0.3661



63.6465, 0.2687, 0.3089



63.6465, 0.3080, 0.2952

Rectangle

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



63.6465, 0.3588, 0.3464



63.6465, 0.3447, 0.3687



63.6465, 0.2687, 0.3089



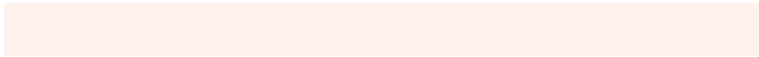
63.6465, 0.2808, 0.2906

Sweetspot

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



63.6494, 0.3588, 0.3464



90.9305, 0.3243, 0.3338



58.6852, 0.3274, 0.2844



19.3020, 0.3253, 0.3343



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.



63.6494, 0.3588, 0.3464



66.5780, 0.3714, 0.3504



78.0841, 0.3520, 0.3758



16.4682, 0.3286, 0.3356



12.4764, 0.6018, 0.3603



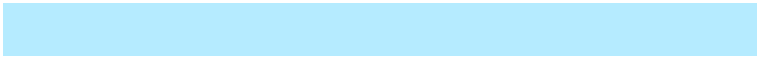
1.1987, 0.5762, 0.3807

Inverse Universe

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



71.0011, 0.2758, 0.3109



76.2421, 0.2682, 0.3065



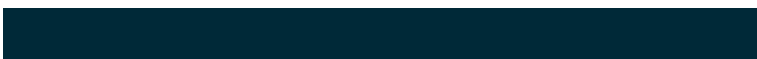
56.7837, 0.2730, 0.2774



17.1489, 0.2981, 0.3223



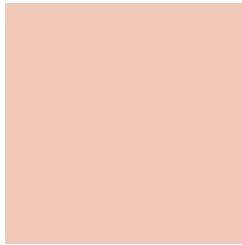
20.2111, 0.1991, 0.2368



1.8469, 0.2029, 0.2504

Previews

White Background



This preview shows how the Yxy color 63.6465, 0.3588, 0.3464 looks on a white background.

Color Contrast Check

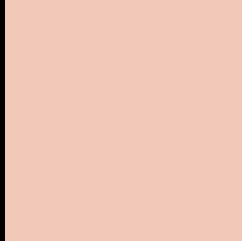
Large Text (above 18pt) WCAG AA × Fail

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 63.6465, 0.3588, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

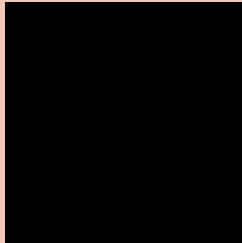
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6465, 0.3588, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 63.6465, 0.3588, 0.3464.



This preview shows how white text looks on a background with the Yxy color 63.6465, 0.3588, 0.3464.

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

63.6465, 0.3588, 0.3464

Protanopia

63.6480, 0.3348, 0.3519

Deuteranopia

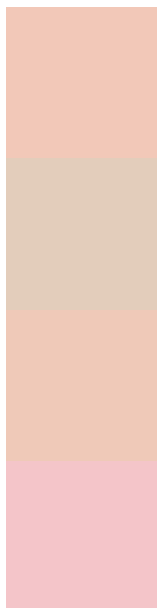
63.4111, 0.3553, 0.3477



Tritanopia

63.5955, 0.3406, 0.3133

Trichromacy



Original Color

63.6465, 0.3588, 0.3464

Protanomaly

63.5814, 0.3432, 0.3492

Deuteranomaly

63.5847, 0.3561, 0.3476

Tritanomaly

63.3826, 0.3476, 0.3248

Monochromacy



Original Color

63.6465, 0.3588, 0.3464

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3723, 0.3285, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6465, 0.3588, 0.3464 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(242, 200, 184)` looks like.

```
.text, #text, p{  
    color:rgb(242, 200, 184)  
}
```

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(242, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 200, 184) }
```

Border

The CSS property to change the border of an element to Yxy 63.6465, 0.3588, 0.3464 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(242, 200, 184) }
```

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

```
.border{ border-color:rgb(242, 200, 184) }
```

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

Here you see how a box with a 4 pixel rgb(242, 200, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 200, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 200, 184);  
box-shadow:4px 4px 4px 4px rgb(242, 200,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6465, 0.3588, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 200, 184) }
```

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

```
.background{ background-color: rgb(242,  
200, 184) }
```

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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