

Converting Colors

Yxy(64.6951, 0.3559, 0.3319)

Have a look what the booklet for
Yxy(64.6951, 0.3559, 0.3319)
contains.

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Color

Yxy(64.5134, 0.3554, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	F9C6C4
RGB	249, 198, 196
RGB Percent	98%, 78%, 77%
CMY	0.0235, 0.2235, 0.2312
CMYK	0.00, 0.20, 0.21, 0.02
HSL	2°, 82%, 87%
HSV	2°, 21%, 98%
XYZ	69.2272, 64.5134, 61.0462
YIQ	213.0210, 31.0380, 10.1900

Conversions

Conversions Part 2

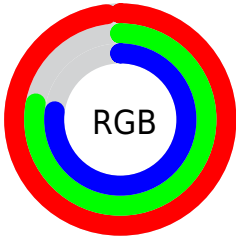
Format	Color
R _Y B	249, 198, 196
Decimal	16369348
CIE Lab	84.23, 17.83, 7.90
CIE LCh	84, 19.501, 23.893
Yxy	64.5134, 0.3554, 0.3312
Android (android.graphics.Color)	4294559428 (0xFFFF9C6C4)
YUV	213.0210, -8.3914, 31.5536
Hunter-Lab	80.3202, 13.2870, 11.1617

Details

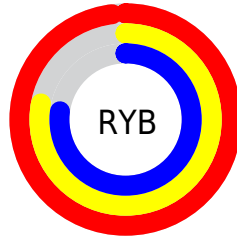
The Yxy color **64.5134, 0.3554, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1179, 0.2808, 0.3268**, and the grayscale version is **66.5988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **33.1060, 0.3668, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **53.3688, 0.3834, 0.3323**, and if you desaturate by 10%, it is **77.5865, 0.3328, 0.3301**.

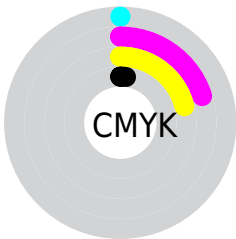
Distribution



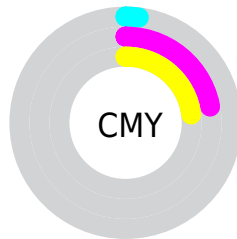
- Red (98%)
- Green (78%)
- Blue (77%)



- Red (98%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5134, 0.3554, 0.3312 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 64.5134, 0.3554, 0.3312 by changing the saturation by 10% instead.

 64.5134, 0.3554,
0.3312

 64.5134, 0.3554,
0.3312


441.0413, 0.3351,
0.3305

 47.0666, 0.3602,
0.3313

111.3500, 0.3482,
0.3310

 33.0883, 0.3662,
0.3314


141.5086, 0.3455,
0.3309

 22.1941, 0.3739,
0.3314


176.6732, 0.3431,
0.3308

 13.9996, 0.3843,
0.3313

217.2284, 0.3411,
0.3308

 8.1204, 0.3987,
0.3309

263.5583, 0.3393,
0.3307

 4.1721, 0.4204,
0.3298

316.0475, 0.3377,

 1.7703, 0.4561,

0.3306

0.3266

375.0804, 0.3363,
0.3305

0.4685, 0.6529,
0.3471

0.0000, 0.0000,
0.0000

64.5134, 0.3554,
0.3312

64.5134, 0.3554,
0.3312

53.3688, 0.3834,
0.3323

77.5865, 0.3328,
0.3301

44.0532, 0.4177,
0.3334

92.6639, 0.3147,
0.3291

36.4716, 0.4585,
0.3344

98.8796, 0.3090,
0.3290

30.5168, 0.5044,
0.3349

■ 26.0699, 0.5518,
0.3349

■ 22.9957, 0.5942,
0.3341

■ 21.1349, 0.6244,
0.3326

■ 20.3409, 0.6382,
0.3314

Harmonies

Analogous

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



64.5134, 0.3375, 0.3113



64.5134, 0.3554, 0.3312



64.5134, 0.3614, 0.3514

Triad

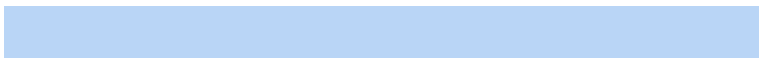
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.5134, 0.3554, 0.3312



64.5134, 0.3108, 0.3655



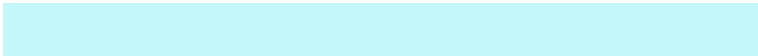
64.5134, 0.2727, 0.2911

Complementary

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



64.5134, 0.3554, 0.3312



85.1179, 0.2808, 0.3268

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.



64.5134, 0.2664, 0.3038



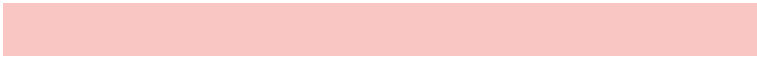
64.5134, 0.3554, 0.3312



64.5134, 0.2877, 0.3474

Square

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



64.5134, 0.3554, 0.3312



64.5134, 0.3350, 0.3725



64.5134, 0.2717, 0.3244



64.5134, 0.2896, 0.2886

Rectangle

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



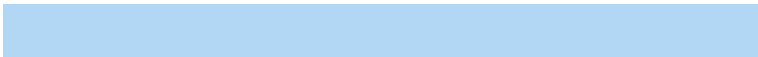
64.5134, 0.3554, 0.3312



64.5134, 0.3577, 0.3625



64.5134, 0.2717, 0.3244



64.5134, 0.2693, 0.2943

Sweetspot

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



64.5164, 0.3554, 0.3312



90.0125, 0.3228, 0.3296



66.3636, 0.3165, 0.2777



19.0438, 0.3240, 0.3297



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.



64.5164, 0.3554, 0.3312



62.2561, 0.3680, 0.3317



77.5891, 0.3498, 0.3582



17.3287, 0.3293, 0.3299



10.9330, 0.6374, 0.3321



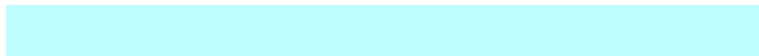
1.0479, 0.6311, 0.3371

Inverse Universe

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



85.1179, 0.2808, 0.3268



87.9557, 0.2743, 0.3263



70.1604, 0.2788, 0.2979



19.4912, 0.2980, 0.3281



36.9840, 0.2215, 0.3173



3.4590, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 64.5134, 0.3554, 0.3312 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 64.5134, 0.3554, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

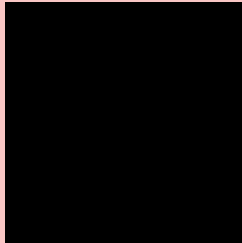
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5134, 0.3554, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 64.5134, 0.3554, 0.3312.

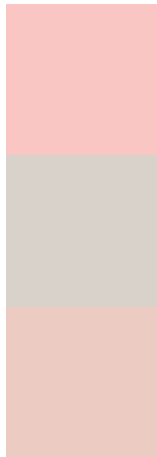


This preview shows how white text looks on a background with the Yxy color 64.5134, 0.3554, 0.3312.

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

64.5134, 0.3554, 0.3312

Protanopia

64.9564, 0.3228, 0.3381

Deuteranopia

64.4849, 0.3447, 0.3378



Tritanopia

64.6922, 0.3455, 0.3135

Trichromacy



Original Color

64.5134, 0.3554, 0.3312

Protanomaly

64.8067, 0.3341, 0.3357

Deuteranomaly

64.4142, 0.3491, 0.3356

Tritanomaly

64.7127, 0.3485, 0.3197

Monochromacy



Original Color

64.5134, 0.3554, 0.3312

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7855, 0.3271, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5134, 0.3554, 0.3312 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(249, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(249, 198, 196)  
}
```

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(249, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 198, 196) }
```

Border

The CSS property to change the border of an element to Yxy 64.5134, 0.3554, 0.3312 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(249, 198, 196) }
```

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

```
.border{ border-color:rgb(249, 198, 196) }
```

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

Here you see how a box with a 4 pixel rgb(249, 198, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(249, 198,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5134, 0.3554, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 198, 196) }
```

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

```
.background{ background-color: rgb(249,  
198, 196) }
```

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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