

Converting Colors

$Yxy(63.8579, 0.3557, 0.3458)$

Have a look what the booklet for
Yxy(63.8579, 0.3557, 0.3458)
contains.

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Color

Yxy(63.8437, 0.3554, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	F0C9BA
RGB	240, 201, 186
RGB Percent	94%, 79%, 73%
CMY	0.0587, 0.2118, 0.2707
CMYK	0.00, 0.16, 0.23, 0.06
HSL	17°, 64%, 84%
HSV	17°, 23%, 94%
XYZ	65.6921, 63.8437, 55.3041
YIQ	210.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

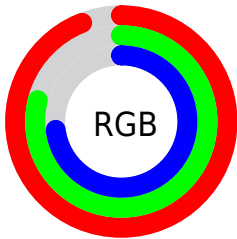
Format	Color
R _Y B	240, 207, 186
Decimal	15780282
CIE Lab	83.88, 11.54, 12.64
CIE LCh	84, 17.114, 47.610
Yxy	63.8437, 0.3554, 0.3454
Android (android.graphics.Color)	4293970362 (0xFFFF0C9BA)
YUV	210.9510, -12.3008, 25.4760
Hunter-Lab	79.9023, 6.9259, 14.8942

Details

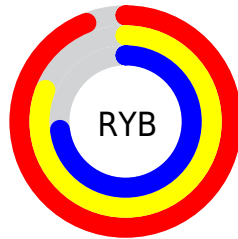
The Yxy color **63.8437, 0.3554, 0.3454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5937, 0.2780, 0.3120**, and the grayscale version is **65.1791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **32.6282, 0.3657, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **55.2781, 0.3804, 0.3532**, and if you desaturate by 10%, it is **73.4989, 0.3343, 0.3378**.

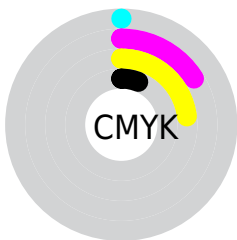
Distribution



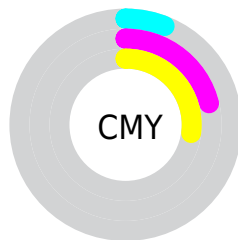
- Red (94%)
- Green (79%)
- Blue (73%)



- Red (94%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8437, 0.3554, 0.3454 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 63.8437, 0.3554, 0.3454 by changing the saturation by 10% instead.


 63.8437, 0.3554,
0.3454

 63.8437, 0.3554,
0.3454


438.6250, 0.3350,
0.3380

 46.5241, 0.3602,
0.3470


 110.3858, 0.3482,
0.3429

 32.6596, 0.3662,
0.3490


140.3771, 0.3454,
0.3419

 21.8658, 0.3740,
0.3515


175.3611, 0.3431,
0.3410

 13.7583, 0.3843,
0.3547

215.7221, 0.3410,
0.3402

 7.9528, 0.3988,
0.3587

261.8446, 0.3392,
0.3396

 4.0647, 0.4205,
0.3640

314.1130, 0.3377,

 1.7098, 0.4568,

0.3390

0.3716

372.9117, 0.3363,
0.3385

0.4300, 0.6162,
0.3838

0.0000, 0.0000,
0.0000

63.8437, 0.3554,
0.3454

63.8437, 0.3554,
0.3454

55.2781, 0.3804,
0.3532

73.4989, 0.3343,
0.3378

47.7547, 0.4096,
0.3607

84.2717, 0.3167,
0.3307

41.2353, 0.4432,
0.3675

96.0058, 0.3036,
0.3270

35.6758, 0.4801,
0.3724

97.2716, 0.3036,
0.3290

■ 31.0288, 0.5186,
0.3744

■ 27.2426, 0.5553,
0.3723

■ 24.2590, 0.5862,
0.3656

■ 22.5062, 0.6042,
0.3585

Harmonies

Analogous

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



63.8437, 0.3477, 0.3272



63.8437, 0.3554, 0.3454



63.8437, 0.3512, 0.3602

Triad

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



63.8437, 0.3554, 0.3454



63.8437, 0.2946, 0.3491



63.8437, 0.2886, 0.2929

Complementary

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



63.8437, 0.3554, 0.3454



70.5937, 0.2780, 0.3120

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.



63.8437, 0.2754, 0.2973



63.8437, 0.3554, 0.3454



63.8437, 0.2788, 0.3293

Square

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



63.8437, 0.3554, 0.3454



63.8437, 0.3157, 0.3632



63.8437, 0.2718, 0.3103



63.8437, 0.3086, 0.2977

Rectangle

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



63.8437, 0.3554, 0.3454



63.8437, 0.3423, 0.3659



63.8437, 0.2718, 0.3103



63.8437, 0.2832, 0.2934

Sweetspot

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



63.8466, 0.3554, 0.3454



90.9514, 0.3243, 0.3339



59.1120, 0.3264, 0.2872



19.3068, 0.3253, 0.3343



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

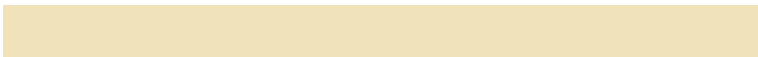
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8466, 0.3554, 0.3454



68.6042, 0.3663, 0.3489



77.2462, 0.3494, 0.3728



16.4734, 0.3286, 0.3356



12.5078, 0.6014, 0.3607



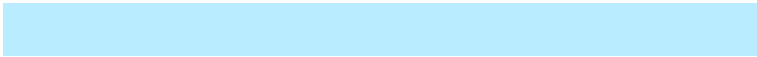
1.2019, 0.5757, 0.3811

Inverse Universe

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



70.5937, 0.2780, 0.3120



77.5989, 0.2711, 0.3081



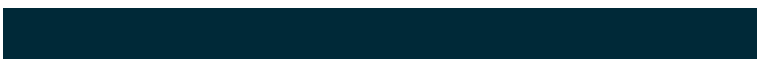
57.3908, 0.2757, 0.2809



17.1435, 0.2981, 0.3223



20.1122, 0.1989, 0.2361



1.8393, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 63.8437, 0.3554, 0.3454 looks on a white background.

Color Contrast Check

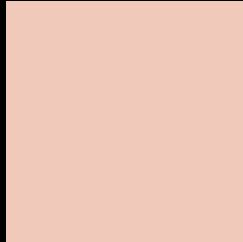
Large Text (above 18pt) WCAG AA × Fail

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 63.8437, 0.3554, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

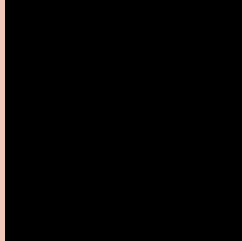
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8437, 0.3554, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 63.8437, 0.3554, 0.3454.



This preview shows how white text looks on a background with the Yxy color 63.8437, 0.3554, 0.3454.

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

63.8437, 0.3554, 0.3454

Protanopia

64.2241, 0.3331, 0.3507

Deuteranopia

63.9634, 0.3535, 0.3466



Tritanopia

63.7407, 0.3381, 0.3132

Trichromacy



Original Color

63.8437, 0.3554, 0.3454

Protanomaly

63.9855, 0.3407, 0.3481

Deuteranomaly

64.1370, 0.3543, 0.3465

Tritanomaly

63.5772, 0.3442, 0.3237

Monochromacy



Original Color

63.8437, 0.3554, 0.3454

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4195, 0.3278, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8437, 0.3554, 0.3454 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(240, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(240, 201, 186)  
}
```

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(240, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 201, 186) }
```

Border

The CSS property to change the border of an element to Yxy 63.8437, 0.3554, 0.3454 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(240, 201, 186) }
```

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

```
.border{ border-color:rgb(240, 201, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 201, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 201,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8437, 0.3554, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 201, 186) }
```

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

```
.background{ background-color: rgb(240,  
201, 186) }
```

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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