

Converting Colors

$Yxy(55.4537, 0.3754, 0.3465)$

Have a look what the booklet for
Yxy(55.4537, 0.3754, 0.3465)
contains.

Yxy(55.6334, 0.3750, 0.3469)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.6334, 0.3750, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	F0B8A8
RGB	240, 184, 168
RGB Percent	94%, 72%, 66%
CMY	0.0588, 0.2784, 0.3413
CMYK	0.00, 0.23, 0.30, 0.06
HSL	13°, 71%, 80%
HSV	13°, 30%, 94%
XYZ	60.1399, 55.6334, 44.5997
YIQ	198.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

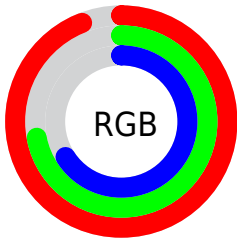
Format	Color
R _Y B	240, 189, 168
Decimal	15775912
CIE Lab	79.40, 18.02, 15.96
CIE LCh	79, 24.074, 41.522
Yxy	55.6334, 0.3750, 0.3469
Android (android.graphics.Color)	4293965992 (0xFFFF0B8A8)
YUV	198.9200, -15.2436, 36.0272
Hunter-Lab	74.5878, 13.3953, 16.7590

Details

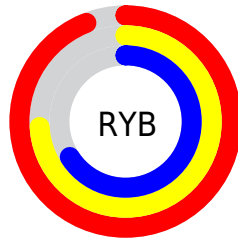
The Yxy color **55.6334, 0.3750, 0.3469** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8997, 0.2673, 0.3102**, and the grayscale version is **57.1394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **27.5608, 0.3919, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **47.5761, 0.4043, 0.3531**, and if you desaturate by 10%, it is **64.8830, 0.3503, 0.3407**.

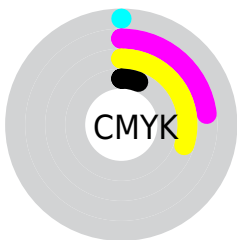
Distribution



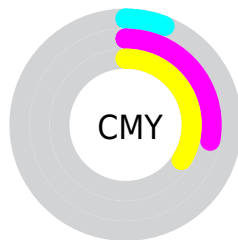
- Red (94%)
- Green (72%)
- Blue (66%)



- Red (94%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6334, 0.3750, 0.3469 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 55.6334, 0.3750, 0.3469 by changing the saturation by 10% instead.


 55.6334, 0.3750,
0.3469


 55.6334, 0.3750,
0.3469


408.3085, 0.3445,
0.3390

 39.9091, 0.3824,
0.3486


 98.4684, 0.3641,
0.3442

 27.4677, 0.3918,
0.3506


 126.3478, 0.3599,
0.3432

 17.9248, 0.4040,
0.3529


159.0477, 0.3564,
0.3423

 10.8960, 0.4205,
0.3557

196.9525, 0.3533,
0.3414

 5.9969, 0.4441,
0.3588

240.4466, 0.3507,
0.3407

 2.8432, 0.4801,
0.3614

289.9144, 0.3484,

 1.0504, 0.5961,

0.3401

0.3971

345.7402, 0.3463,
0.3395

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6334, 0.3750,
0.3469

55.6334, 0.3750,
0.3469

47.5761, 0.4043,
0.3531

64.8830, 0.3503,
0.3407

40.6545, 0.4385,
0.3587

75.3630, 0.3298,
0.3346

34.8189, 0.4770,
0.3629

87.1194, 0.3127,
0.3290

30.0130, 0.5178,
0.3647

97.2643, 0.3035,
0.3290

■ 26.1749, 0.5574,
0.3631

■ 23.2356, 0.5913,
0.3576

■ 21.1115, 0.6158,
0.3492

Harmonies

Analogous

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



55.6334, 0.3602, 0.3205



55.6334, 0.3750, 0.3469



55.6334, 0.3720, 0.3704

Triad

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



55.6334, 0.3750, 0.3469



55.6334, 0.2917, 0.3643



55.6334, 0.2725, 0.2769

Complementary

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



55.6334, 0.3750, 0.3469



67.8997, 0.2673, 0.3102

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.



55.6334, 0.2562, 0.2852



55.6334, 0.3750, 0.3469



55.6334, 0.2669, 0.3352

Square

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



55.6334, 0.3750, 0.3469



55.6334, 0.3231, 0.3827



55.6334, 0.2542, 0.3060



55.6334, 0.2999, 0.2815

Rectangle

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



55.6334, 0.3750, 0.3469



55.6334, 0.3606, 0.3812



55.6334, 0.2542, 0.3060



55.6334, 0.2656, 0.2782

Sweetspot

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



55.6360, 0.3750, 0.3469



87.7507, 0.3279, 0.3341



51.9220, 0.3290, 0.2693



18.3827, 0.3307, 0.3349



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.



55.6360, 0.3750, 0.3469



58.0448, 0.3923, 0.3507



72.3208, 0.3639, 0.3843



16.3297, 0.3288, 0.3343



11.7192, 0.6133, 0.3513



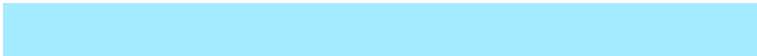
1.1187, 0.5884, 0.3710

Inverse Universe

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



67.8997, 0.2673, 0.3102



74.1904, 0.2588, 0.3058



50.7408, 0.2624, 0.2667



17.2969, 0.2981, 0.3236



23.0025, 0.2043, 0.2556



2.0587, 0.2073, 0.2664

Previews

White Background



This preview shows how the Yxy color 55.6334, 0.3750, 0.3469 looks on a white background.

Color Contrast Check

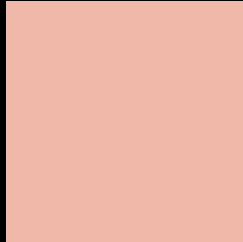
Large Text (above 18pt) WCAG AA × Fail

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 55.6334, 0.3750, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

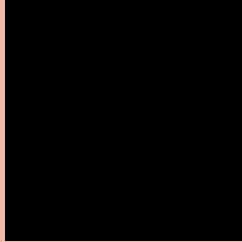
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6334, 0.3750, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 55.6334, 0.3750, 0.3469.



This preview shows how white text looks on a background with the Yxy color 55.6334, 0.3750, 0.3469.

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

55.6334, 0.3750, 0.3469

Protanopia

55.6577, 0.3376, 0.3557

Deuteranopia

55.9478, 0.3626, 0.3555



Tritanopia

55.5922, 0.3559, 0.3140

Trichromacy



Original Color

55.6334, 0.3750, 0.3469

Protanomaly

55.5833, 0.3502, 0.3526

Deuteranomaly

55.9123, 0.3676, 0.3529

Tritanomaly

55.4278, 0.3627, 0.3248

Monochromacy



Original Color

55.6334, 0.3750, 0.3469

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5106, 0.3337, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6334, 0.3750, 0.3469 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, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 184, 168)  
}
```

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, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 55.6334, 0.3750, 0.3469 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, 184, 168) }
```

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

```
.border{ border-color:rgb(240, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 184,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6334, 0.3750, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 184, 168) }
```

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

```
.background{ background-color: rgb(240,  
184, 168) }
```

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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