

Converting Colors

$Yxy(55.2932, 0.3923, 0.3651)$

Have a look what the booklet for
Yxy(55.2932, 0.3923, 0.3651)
contains.

Yxy(55.5700, 0.3924, 0.3653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.5700, 0.3924, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	F3B897
RGB	243, 184, 151
RGB Percent	95%, 72%, 59%
CMY	0.0470, 0.2784, 0.4078
CMYK	0.00, 0.24, 0.38, 0.05
HSL	22°, 79%, 77%
HSV	22°, 38%, 95%
XYZ	59.6925, 55.5700, 36.8591
YIQ	197.8790, 45.7570, 2.2450

Conversions

Conversions Part 2

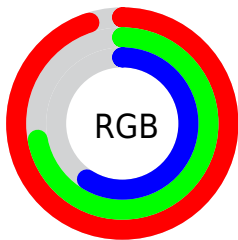
Format	Color
R _Y B	243, 202, 151
Decimal	15972503
CIE Lab	79.37, 17.11, 25.04
CIE LCh	79, 30.330, 55.651
Yxy	55.5700, 0.3924, 0.3653
Android (android.graphics.Color)	4294162583 (0xFFFF3B897)
YUV	197.8790, -23.1113, 39.5711
Hunter-Lab	74.5453, 12.4805, 22.8657

Details

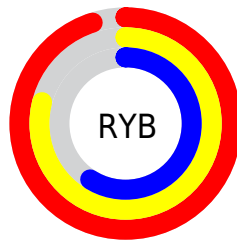
The Yxy color **55.5700, 0.3924, 0.3653** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.1542, 0.2541, 0.2891**, and the grayscale version is **56.5189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9880, 0.3451, 0.3640**, and **27.4670, 0.4131, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **48.7398, 0.4217, 0.3747**, and if you desaturate by 10%, it is **63.2817, 0.3667, 0.3554**.

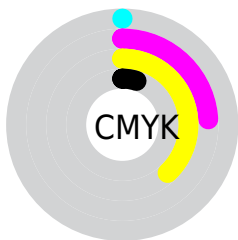
Distribution



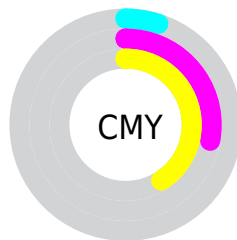
- Red (95%)
- Green (72%)
- Blue (59%)



- Red (95%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (24%)
- Yellow (38%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5700, 0.3924, 0.3653 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 55.5700, 0.3924, 0.3653 by changing the saturation by 10% instead.


 55.5700, 0.3924,
0.3653

 55.5700, 0.3924,
0.3653


408.0690, 0.3535,
0.3490

 39.8583, 0.4017,
0.3688

 98.3756, 0.3785,
0.3598

 27.4281, 0.4135,
0.3729


 126.2382, 0.3732,
0.3576

 17.8950, 0.4286,
0.3778


158.9200, 0.3687,
0.3557

 10.8746, 0.4488,
0.3836

196.8052, 0.3648,
0.3540

 5.9826, 0.4767,
0.3899

240.2784, 0.3615,
0.3526

 2.8345, 0.5202,
0.3978

289.7238, 0.3585,

 1.0459, 0.5952,

0.3512

0.4048

345.5258, 0.3558,
0.3501

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5700, 0.3924,
0.3653

55.5700, 0.3924,
0.3653

48.7398, 0.4217,
0.3747

63.2817, 0.3667,
0.3554

42.7502, 0.4541,
0.3826

71.8982, 0.3445,
0.3455

37.5682, 0.4885,
0.3878

81.4518, 0.3256,
0.3360

33.1556, 0.5227,
0.3891

91.9704, 0.3095,
0.3272

■ 29.4701, 0.5538,
0.3853

■ 97.7973, 0.3054,
0.3290

■ 26.4621, 0.5791,
0.3766

■ 25.8975, 0.5840,
0.3745

Harmonies

Analogous

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



55.5700, 0.3842, 0.3332



55.5700, 0.3924, 0.3653



55.5700, 0.3778, 0.3909

Triad

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



55.5700, 0.3924, 0.3653



55.5700, 0.2700, 0.3572



55.5700, 0.2769, 0.2651

Complementary

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



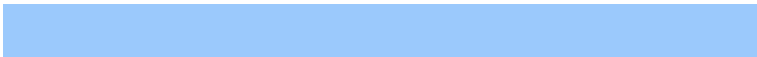
55.5700, 0.3924, 0.3653



59.1542, 0.2541, 0.2891

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.



55.5700, 0.2498, 0.2673



55.5700, 0.3924, 0.3653



55.5700, 0.2459, 0.3180

Square

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



55.5700, 0.3924, 0.3653



55.5700, 0.3063, 0.3891



55.5700, 0.2389, 0.2855



55.5700, 0.3152, 0.2777

Rectangle

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



55.5700, 0.3924, 0.3653



55.5700, 0.3579, 0.3999



55.5700, 0.2389, 0.2855



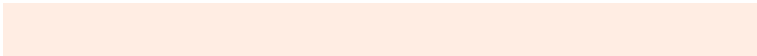
55.5700, 0.2663, 0.2641

Sweetspot

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



55.5726, 0.3924, 0.3653



87.3768, 0.3313, 0.3390



45.8854, 0.3458, 0.2654



18.3886, 0.3338, 0.3403



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.



55.5726, 0.3924, 0.3653



56.3716, 0.4133, 0.3722



77.4485, 0.3745, 0.4107



17.4551, 0.3285, 0.3375



14.4431, 0.5812, 0.3768



1.4567, 0.5573, 0.3957

Inverse Universe

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



59.1542, 0.2541, 0.2891



60.8344, 0.2435, 0.2799



39.8918, 0.2455, 0.2312



17.6997, 0.2980, 0.3203



16.8395, 0.1909, 0.2070



1.6741, 0.1956, 0.2241

Previews

White Background



This preview shows how the Yxy color 55.5700, 0.3924, 0.3653 looks on a white background.

Color Contrast Check

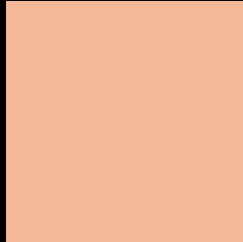
Large Text (above 18pt) WCAG AA × Fail

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 55.5700, 0.3924, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

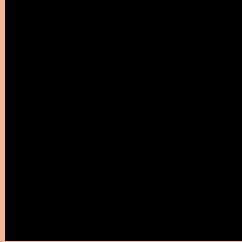
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5700, 0.3924, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 55.5700, 0.3924, 0.3653.



This preview shows how white text looks on a background with the Yxy color 55.5700, 0.3924, 0.3653.

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

55.5700, 0.3924, 0.3653

Protanopia

55.9221, 0.3532, 0.3773

Deuteranopia

55.7530, 0.3815, 0.3733



Tritanopia

55.4207, 0.3616, 0.3141

Trichromacy



Original Color

55.5700, 0.3924, 0.3653

Protanomaly

55.4380, 0.3667, 0.3724

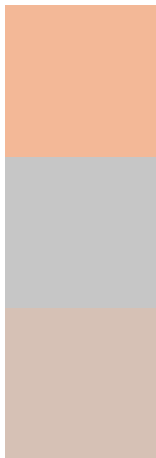
Deuteranomaly

55.5755, 0.3858, 0.3706

Tritanomaly

55.4097, 0.3735, 0.3324

Monochromacy



Original Color

55.5700, 0.3924, 0.3653

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7723, 0.3394, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5700, 0.3924, 0.3653 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, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(243, 184, 151)  
}
```

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, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 184, 151) }
```

Border

The CSS property to change the border of an element to Yxy 55.5700, 0.3924, 0.3653 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, 184, 151) }
```

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

```
.border{ border-color:rgb(243, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(243, 184,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5700, 0.3924, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 184, 151) }
```

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

```
.background{ background-color: rgb(243,  
184, 151) }
```

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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