

Converting Colors

Yxy(55.6691, 0.4124, 0.3985)

Have a look what the booklet for
Yxy(55.6691, 0.4124, 0.3985)
contains.

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Color

Yxy(55.6715, 0.4123, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	F1BB7B
RGB	241, 187, 123
RGB Percent	95%, 73%, 48%
CMY	0.0550, 0.2666, 0.5176
CMYK	0.00, 0.22, 0.49, 0.06
HSL	33°, 81%, 71%
HSV	33°, 49%, 94%
XYZ	57.6139, 55.6715, 26.4523
YIQ	195.8500, 52.7280, -8.4560

Conversions

Conversions Part 2

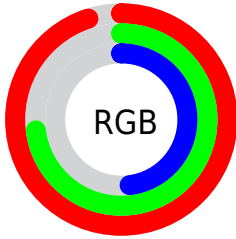
Format	Color
R _Y B	223, 241, 123
Decimal	15842171
CIE Lab	79.43, 11.83, 39.73
CIE LCh	79, 41.458, 73.415
Yxy	55.6715, 0.4123, 0.3984
Android (android.graphics.Color)	4294032251 (0xFFFF1BB7B)
YUV	195.8500, -35.9150, 39.5966
Hunter-Lab	74.6133, 7.2582, 31.2095

Details

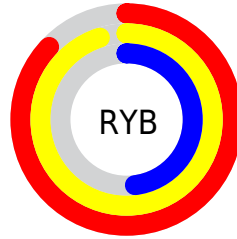
The Yxy color **55.6715, 0.4123, 0.3984** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9916, 0.2326, 0.2456**, and the grayscale version is **55.3041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4958, 0.3630, 0.3959**, and **27.4763, 0.4359, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **50.6440, 0.4379, 0.4104**, and if you desaturate by 10%, it is **61.2118, 0.3879, 0.3846**.

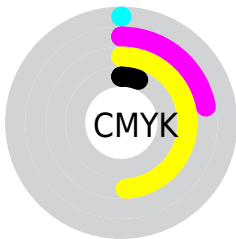
Distribution



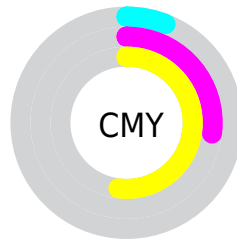
- Red (95%)
- Green (73%)
- Blue (48%)



- Red (87%)
- Yellow (95%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (49%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6715, 0.4123, 0.3984 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 55.6715, 0.4123, 0.3984 by changing the saturation by 10% instead.


 55.6715, 0.4123,
0.3984


 55.6715, 0.4123,
0.3984

408.4523, 0.3646,
0.3670


 39.9396, 0.4233,
0.4050


 98.5241, 0.3956,
0.3879

 27.4915, 0.4367,
0.4128


 126.4136, 0.3891,
0.3837

 17.9427, 0.4535,
0.4217


 159.1245, 0.3836,
0.3800

 10.9088, 0.4745,
0.4318

197.0410, 0.3788,
0.3768

 6.0056, 0.5012,
0.4422

240.5477, 0.3745,
0.3739

 2.8485, 0.5432,
0.4568

290.0289, 0.3708,

 1.0531, 0.5639,

0.3714

0.4361

345.8690, 0.3675,
0.3691

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6715, 0.4123,
0.3984

55.6715, 0.4123,
0.3984

50.6440, 0.4379,
0.4104

61.2118, 0.3879,
0.3846

46.1022, 0.4638,
0.4194

67.2746, 0.3654,
0.3700

42.0278, 0.4885,
0.4241

73.8792, 0.3451,
0.3553

38.3973, 0.5104,
0.4236

81.0413, 0.3271,
0.3411

■ 35.1792, 0.5286,
0.4177

■ 88.7758, 0.3111,
0.3276

■ 34.8616, 0.5305,
0.4170

■ 96.2590, 0.3042,
0.3272

■ 97.4352, 0.3041,
0.3290

Harmonies

Analogous

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



55.6715, 0.4211, 0.3584



55.6715, 0.4123, 0.3984



55.6715, 0.3761, 0.4249

Triad

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



55.6715, 0.4123, 0.3984



55.6715, 0.2334, 0.3346



55.6715, 0.2931, 0.2522

Complementary

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



55.6715, 0.4123, 0.3984



41.9916, 0.2326, 0.2456

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.



55.6715, 0.2472, 0.2427



55.6715, 0.4123, 0.3984



55.6715, 0.2153, 0.2845

Square

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



55.6715, 0.4123, 0.3984



55.6715, 0.2726, 0.3889



55.6715, 0.2202, 0.2529



55.6715, 0.3487, 0.2782

Rectangle

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



55.6715, 0.4123, 0.3984



55.6715, 0.3427, 0.4279



55.6715, 0.2202, 0.2529



55.6715, 0.2761, 0.2470

Sweetspot

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



55.6742, 0.4123, 0.3984



87.1180, 0.3378, 0.3497



36.0817, 0.3839, 0.2695



18.2845, 0.3417, 0.3527



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.



55.6742, 0.4123, 0.3984



57.4672, 0.4385, 0.4107



82.3332, 0.3818, 0.4493



17.1801, 0.3280, 0.3418



19.1835, 0.5282, 0.4188



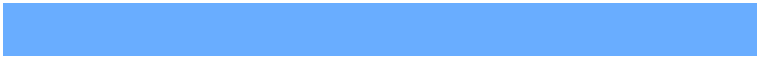
1.7947, 0.5099, 0.4333

Inverse Universe

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



41.9916, 0.2326, 0.2456



40.2228, 0.2165, 0.2242



25.0267, 0.2216, 0.1749



16.4199, 0.2980, 0.3158



9.7808, 0.1733, 0.1439



1.0103, 0.1803, 0.1689

Previews

White Background



This preview shows how the Yxy color 55.6715, 0.4123, 0.3984 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 55.6715, 0.4123, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

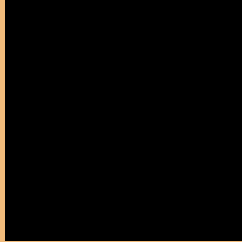
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6715, 0.4123, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 55.6715, 0.4123, 0.3984.



This preview shows how white text looks on a background with the Yxy color 55.6715, 0.4123, 0.3984.

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

55.6715, 0.4123, 0.3984

Protanopia

55.7610, 0.3805, 0.4118

Deuteranopia

55.5736, 0.4092, 0.4002



Tritanopia

55.4207, 0.3616, 0.3141

Trichromacy



Original Color

55.6715, 0.4123, 0.3984

Protanomaly

55.4936, 0.3919, 0.4060

Deuteranomaly

55.7472, 0.4100, 0.3999

Tritanomaly

55.2502, 0.3813, 0.3444

Monochromacy



Original Color

55.6715, 0.4123, 0.3984

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0015, 0.3473, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6715, 0.4123, 0.3984 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(241, 187, 123)` looks like.

```
.text, #text, p{  
    color:rgb(241, 187, 123)  
}
```

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(241, 187, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 187, 123) }
```

Border

The CSS property to change the border of an element to Yxy 55.6715, 0.4123, 0.3984 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(241, 187, 123) }
```

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

```
.border{ border-color:rgb(241, 187, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 187, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 187, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 187, 123);  
box-shadow:4px 4px 4px 4px rgb(241, 187,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6715, 0.4123, 0.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 187, 123) }
```

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

```
.background{ background-color: rgb(241,  
187, 123) }
```

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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