

Converting Colors

$Yxy(58.6106, 0.4018, 0.4101)$

Have a look what the booklet for
Yxy(58.6106, 0.4018, 0.4101)
contains.

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Color

Yxy(58.4023, 0.4013, 0.4094)

Conversions

Conversions Part 1

Format	Color
Hex	EAC47B
RGB	234, 196, 123
RGB Percent	92%, 77%, 48%
CMY	0.0824, 0.2313, 0.5175
CMYK	0.00, 0.16, 0.47, 0.08
HSL	39°, 73%, 70%
HSV	39°, 47%, 92%
XYZ	57.2468, 58.4023, 27.0043
YIQ	199.0400, 46.0810, -14.6470

Conversions

Conversions Part 2

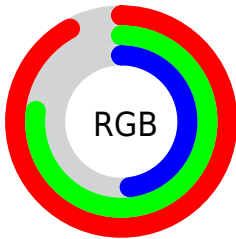
Format	Color
R _Y B	181, 234, 123
Decimal	15385723
CIE Lab	80.96, 4.32, 41.52
CIE LCh	81, 41.742, 84.066
Yxy	58.4023, 0.4013, 0.4094
Android (android.graphics.Color)	4293575803 (0xFFEAC47B)
YUV	199.0400, -37.4877, 30.6599
Hunter-Lab	76.4214, -0.0242, 32.5442

Details

The Yxy color **58.4023, 0.4013, 0.4094** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.6500, 0.2319, 0.2311**, and the grayscale version is **57.3544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0551, 0.3599, 0.4030**, and **29.0440, 0.4227, 0.4270** is the 20% darker color. If you saturate the color by 10%, you get **54.3691, 0.4228, 0.4242**, and if you desaturate by 10%, it is **62.7741, 0.3801, 0.3928**.

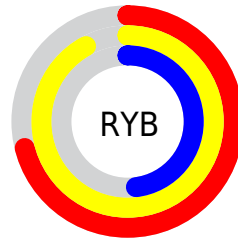
Distribution



Red (92%)

Green (77%)

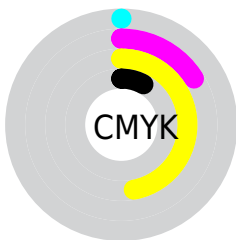
Blue (48%)



Red (71%)

Yellow (92%)

Blue (48%)

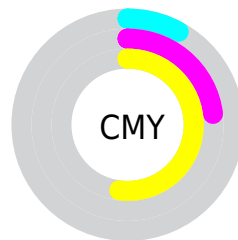


Cyan (0%)

Magenta (16%)

Yellow (47%)

Black (8%)



Cyan (8%)


Magenta (23%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4023, 0.4013, 0.4094 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 58.4023, 0.4013, 0.4094 by changing the saturation by 10% instead.

 58.4023, 0.4013,
0.4094


 58.4023, 0.4013,
0.4094


418.6833, 0.3596,
0.3723


 42.1322, 0.4107,
0.4175


 102.5085, 0.3869,
0.3968

 29.2048, 0.4220,
0.4271


 131.1133, 0.3812,
0.3918

 19.2358, 0.4359,
0.4387


 164.5985, 0.3764,
0.3874

 11.8408, 0.4530,
0.4523

203.3484, 0.3722,
0.3837

 6.6354, 0.4737,
0.4678

247.7474, 0.3684,
0.3803

 3.2351, 0.5073,
0.4927

298.1800, 0.3652,

 1.2557, 0.5146,

0.3773

0.4854

355.0305, 0.3622,
0.3747

0.1065, 0.6598,
0.3402

0.0000, 0.0000,
0.0000

58.4023, 0.4013,
0.4094

58.4023, 0.4013,
0.4094

54.3691, 0.4228,
0.4242

62.7741, 0.3801,
0.3928

50.6530, 0.4439,
0.4361


67.4882, 0.3600,
0.3754


47.2422, 0.4634,
0.4439


72.5586, 0.3413,
0.3580

44.1202, 0.4802,
0.4468


77.9958, 0.3243,
0.3410


 41.2658, 0.4938,
0.4445

 83.8098, 0.3089,
0.3249

 40.5653, 0.4971,
0.4435

 89.4553, 0.2999,
0.3181

 94.3833, 0.2999,
0.3261

 96.2314, 0.2999,
0.3290

Harmonies

Analogous

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



58.4023, 0.4207, 0.3731



58.4023, 0.4013, 0.4094



58.4023, 0.3585, 0.4274

Triad

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



58.4023, 0.4013, 0.4094



58.4023, 0.2251, 0.3155



58.4023, 0.3125, 0.2603

Complementary

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



58.4023, 0.4013, 0.4094



35.6500, 0.2319, 0.2311

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.



58.4023, 0.2621, 0.2446



58.4023, 0.4013, 0.4094



58.4023, 0.2152, 0.2714

Square

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



58.4023, 0.4013, 0.4094



58.4023, 0.2571, 0.3702



58.4023, 0.2281, 0.2476



58.4023, 0.3673, 0.2909

Rectangle

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



58.4023, 0.4013, 0.4094



58.4023, 0.3235, 0.4224



58.4023, 0.2281, 0.2476



58.4023, 0.2944, 0.2532

Sweetspot

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



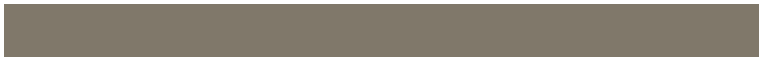
58.4051, 0.4013, 0.4094



90.3588, 0.3354, 0.3522



34.2693, 0.3960, 0.2855



19.0396, 0.3392, 0.3559



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.



58.4051, 0.4013, 0.4094



66.1557, 0.4225, 0.4240



75.0783, 0.3700, 0.4502



16.7082, 0.3276, 0.3444



23.0397, 0.4956, 0.4447



1.9868, 0.4823, 0.4553

Inverse Universe

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



35.6500, 0.2319, 0.2311



35.4501, 0.2147, 0.2063



25.6615, 0.2345, 0.1840



15.3920, 0.2980, 0.3131



6.7815, 0.1640, 0.1105



0.7056, 0.1717, 0.1382

Previews

White Background



This preview shows how the Yxy color 58.4023, 0.4013, 0.4094 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 58.4023, 0.4013, 0.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

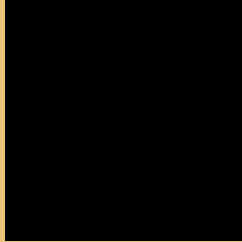
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4023, 0.4013, 0.4094

Background



This preview shows how black text looks on a background with the Yxy color 58.4023, 0.4013, 0.4094.



This preview shows how white text looks on a background with the Yxy color 58.4023, 0.4013, 0.4094.

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

58.4023, 0.4013, 0.4094

Protanopia

58.4696, 0.3853, 0.4164

Deuteranopia

58.2092, 0.4105, 0.4019



Tritanopia

58.4585, 0.3469, 0.3140

Trichromacy



Original Color

58.4023, 0.4013, 0.4094

Protanomaly

58.3096, 0.3913, 0.4140

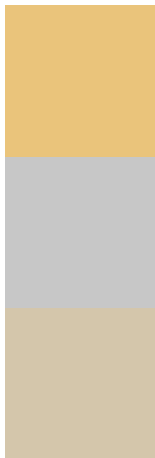
Deuteranomaly

58.1204, 0.4074, 0.4037

Tritanomaly

58.0212, 0.3671, 0.3480

Monochromacy



Original Color

58.4023, 0.4013, 0.4094

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3255, 0.3446, 0.3611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4023, 0.4013, 0.4094 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(234, 196, 123)` looks like.

```
.text, #text, p{  
    color:rgb(234, 196, 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(234, 196, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 196, 123) }
```

Border

The CSS property to change the border of an element to Yxy 58.4023, 0.4013, 0.4094 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(234, 196, 123) }
```

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

```
.border{ border-color:rgb(234, 196, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 196, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 196, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 196, 123); box-shadow:4px 4px 4px 4px rgb(234, 196, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4023, 0.4013, 0.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 196, 123) }
```

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

```
.background{ background-color: rgb(234,  
196, 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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