

Converting Colors

Yxy(58.6025, 0.4047, 0.4107)

Have a look what the booklet for
Yxy(58.6025, 0.4047, 0.4107)
contains.

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Color

Yxy(58.6932, 0.4045, 0.4109)

Conversions

Conversions Part 1

Format	Color
Hex	ECC479
RGB	236, 196, 121
RGB Percent	93%, 77%, 47%
CMY	0.0746, 0.2313, 0.5255
CMYK	0.00, 0.17, 0.49, 0.07
HSL	39°, 75%, 70%
HSV	39°, 49%, 93%
XYZ	57.7790, 58.6932, 26.3684
YIQ	199.4100, 47.9150, -14.8450

Conversions

Conversions Part 2

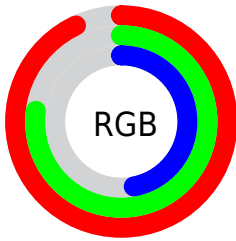
Format	Color
RYB	182, 236, 121
Decimal	15516793
CIELab	81.12, 4.93, 42.79
CIELCh	81, 43.073, 83.432
Yxy	58.6932, 0.4045, 0.4109
Android (android.graphics.Color)	4293706873 (0xFFECC479)
YUV	199.4100, -38.6561, 32.0894
Hunter-Lab	76.6115, 0.5514, 33.2214

Details

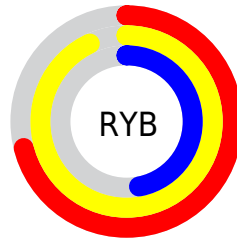
The Yxy color **58.6932, 0.4045, 0.4109** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.5957, 0.2297, 0.2286**, and the grayscale version is **57.5973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9760, 0.3611, 0.4050**, and **29.2532, 0.4266, 0.4283** is the 20% darker color. If you saturate the color by 10%, you get **54.5858, 0.4262, 0.4253**, and if you desaturate by 10%, it is **63.1501, 0.3831, 0.3946**.

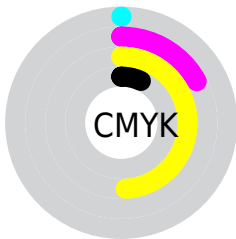
Distribution



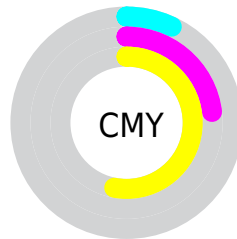
- Red (93%)
- Green (77%)
- Blue (47%)



- Red (71%)
- Yellow (93%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (7%)




- Cyan (7%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6932, 0.4045, 0.4109 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 58.6932, 0.4045, 0.4109 by changing the saturation by 10% instead.


 58.6932, 0.4045,
0.4109


 58.6932, 0.4045,
0.4109


419.7640, 0.3614,
0.3733


 42.3662, 0.4141,
0.4190


 102.9316, 0.3896,
0.3982

 29.3881, 0.4258,
0.4286


 131.6118, 0.3838,
0.3931

 19.3746, 0.4400,
0.4401

 165.1786, 0.3788,
0.3887

 11.9413, 0.4573,
0.4534

204.0163, 0.3744,
0.3849

 6.7037, 0.4784,
0.4685

248.5092, 0.3705,
0.3815

 3.2775, 0.5100,
0.4900

299.0419, 0.3671,

 1.2783, 0.5183,

0.3785

0.4817

355.9987, 0.3641,
0.3758

0.1243, 0.6573,
0.3427

0.0000, 0.0000,
0.0000

58.6932, 0.4045,
0.4109

58.6932, 0.4045,
0.4109

54.5858, 0.4262,
0.4253

63.1501, 0.3831,
0.3946

50.8058, 0.4474,
0.4366


67.9607, 0.3627,
0.3774

47.3409, 0.4668,
0.4437


73.1396, 0.3437,
0.3600

44.1734, 0.4835,
0.4457

78.6976, 0.3264,
0.3431

 41.2789, 0.4970,
0.4428

 84.6452, 0.3108,
0.3270

 40.9272, 0.4986,
0.4423

 90.4943, 0.3012,
0.3193

 95.5744, 0.3011,
0.3274

 96.5704, 0.3011,
0.3290

Harmonies

Analogous

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



58.6932, 0.4239, 0.3731



58.6932, 0.4045, 0.4109



58.6932, 0.3608, 0.4303

Triad

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



58.6932, 0.4045, 0.4109



58.6932, 0.2231, 0.3160



58.6932, 0.3112, 0.2580

Complementary

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



58.6932, 0.4045, 0.4109



35.5957, 0.2297, 0.2286

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.



58.6932, 0.2597, 0.2422



58.6932, 0.4045, 0.4109



58.6932, 0.2125, 0.2704

Square

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



58.6932, 0.4045, 0.4109



58.6932, 0.2563, 0.3727



58.6932, 0.2253, 0.2456



58.6932, 0.3678, 0.2890

Rectangle

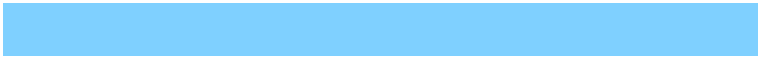
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.6932, 0.4045, 0.4109



58.6932, 0.3248, 0.4258



58.6932, 0.2253, 0.2456



58.6932, 0.2927, 0.2508

Sweetspot

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



58.6960, 0.4045, 0.4109



89.5851, 0.3372, 0.3537



34.0839, 0.3995, 0.2844



18.8796, 0.3410, 0.3574



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.



58.6960, 0.4045, 0.4109



65.3146, 0.4252, 0.4247



76.3819, 0.3714, 0.4533



16.6944, 0.3276, 0.3443



22.8142, 0.4970, 0.4436



1.9702, 0.4835, 0.4543

Inverse Universe

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



35.5957, 0.2297, 0.2286



34.9802, 0.2133, 0.2047



25.1508, 0.2319, 0.1795



15.4052, 0.2980, 0.3132



6.8859, 0.1644, 0.1119



0.7149, 0.1721, 0.1396

Previews

White Background



This preview shows how the Yxy color 58.6932, 0.4045, 0.4109 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 58.6932, 0.4045, 0.4109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

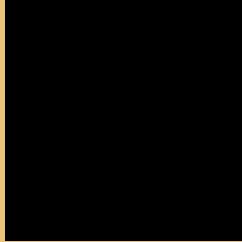
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6932, 0.4045, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 58.6932, 0.4045, 0.4109.



This preview shows how white text looks on a background with the Yxy color 58.6932, 0.4045, 0.4109.

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

58.6932, 0.4045, 0.4109

Protanopia

58.8868, 0.3863, 0.4196

Deuteranopia

58.7782, 0.4123, 0.4046



Tritanopia

58.3895, 0.3488, 0.3130

Trichromacy



Original Color

58.6932, 0.4045, 0.4109

Protanomaly

58.8824, 0.3931, 0.4168

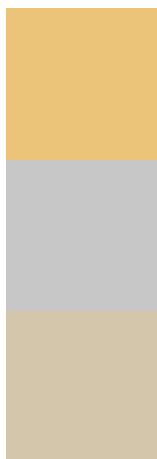
Deuteranomaly

58.6895, 0.4092, 0.4064

Tritanomaly

58.3307, 0.3697, 0.3490

Monochromacy



Original Color

58.6932, 0.4045, 0.4109

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 58.6932, 0.4045, 0.4109 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(236, 196, 121)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 121)  
}
```

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(236, 196, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 121) }
```

Border

The CSS property to change the border of an element to Yxy 58.6932, 0.4045, 0.4109 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(236, 196, 121) }
```

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

```
.border{ border-color:rgb(236, 196, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 196, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 196, 121); box-shadow:4px 4px 4px 4px rgb(236, 196, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6932, 0.4045, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 121) }
```

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

```
.background{ background-color: rgb(236,  
196, 121) }
```

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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