

Converting Colors

$Yxy(55.9718, 0.4005, 0.4026)$

Have a look what the booklet for
Yxy(55.9718, 0.4005, 0.4026)
contains.

Yxy(55.8981, 0.4007, 0.4028)	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(55.8981, 0.4007, 0.4028)

Conversions

Conversions Part 1

Format	Color
Hex	E8BF7D
RGB	232, 191, 125
RGB Percent	91%, 75%, 49%
CMY	0.0903, 0.2509, 0.5097
CMYK	0.00, 0.18, 0.46, 0.09
HSL	37°, 70%, 70%
HSV	37°, 46%, 91%
XYZ	55.6067, 55.8981, 27.2691
YIQ	195.7350, 45.6220, -11.8340

Conversions

Conversions Part 2

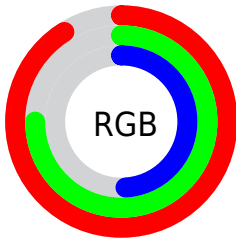
Format	Color
R_{YB}	191, 232, 125
Decimal	15253373
CIE _{Lab}	79.56, 6.30, 38.68
CIE _{LCh}	80, 39.195, 80.744
Yxy	55.8981, 0.4007, 0.4028
Android (android.graphics.Color)	4293443453 (0xFFE8BF7D)
YUV	195.7350, -34.8724, 31.8044
Hunter-Lab	74.7650, 1.9210, 30.7107

Details

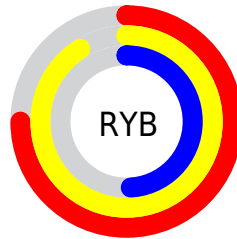
The Yxy color **55.8981, 0.4007, 0.4028** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.4552, 0.2354, 0.2405**, and the grayscale version is **55.2288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9959, 0.3606, 0.3976**, and **27.6836, 0.4212, 0.4192** is the 20% darker color. If you saturate the color by 10%, you get **51.6165, 0.4235, 0.4171**, and if you desaturate by 10%, it is **60.5586, 0.3787, 0.3870**.

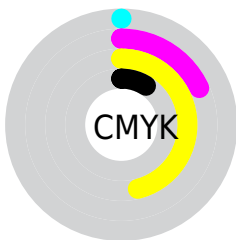
Distribution



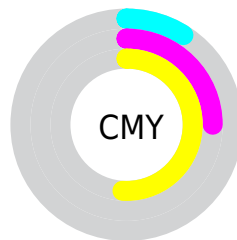
- Red (91%)
- Green (75%)
- Blue (49%)



- Red (75%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8981, 0.4007, 0.4028 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 55.8981, 0.4007, 0.4028 by changing the saturation by 10% instead.


 55.8981, 0.4007,
0.4028

 55.8981, 0.4007,
0.4028


409.3074, 0.3587,
0.3686

 40.1212, 0.4103,
0.4103

 98.8556, 0.3860,
0.3911

 27.6331, 0.4221,
0.4193


 126.8050, 0.3804,
0.3865

 18.0493, 0.4367,
0.4300


 159.5807, 0.3755,
0.3825

 10.9854, 0.4550,
0.4428

197.5670, 0.3712,
0.3790

 6.0570, 0.4779,
0.4573

241.1485, 0.3675,
0.3760

 2.8798, 0.5175,
0.4825

290.7095, 0.3642,

 1.0693, 0.5290,

0.3732

0.4710

346.6343, 0.3613,
0.3708

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8981, 0.4007,
0.4028

55.8981, 0.4007,
0.4028

51.6165, 0.4235,
0.4171

60.5586, 0.3787,
0.3870

47.6918, 0.4463,
0.4286


65.6029, 0.3581,
0.3705


44.1115, 0.4679,
0.4363


71.0456, 0.3392,
0.3541

40.8583, 0.4871,
0.4390


76.8981, 0.3222,
0.3383

 37.9117, 0.5029,
0.4364

 83.1711, 0.3070,
0.3233

 36.8351, 0.5085,
0.4345

 89.2674, 0.2987,
0.3183

 94.7533, 0.2987,
0.3272

 95.8917, 0.2987,
0.3290

Harmonies

Analogous

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



55.8981, 0.4159, 0.3671



55.8981, 0.4007, 0.4028



55.8981, 0.3619, 0.4221

Triad

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



55.8981, 0.4007, 0.4028



55.8981, 0.2313, 0.3219



55.8981, 0.3068, 0.2608

Complementary

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



55.8981, 0.4007, 0.4028



37.4552, 0.2354, 0.2405

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.



55.8981, 0.2599, 0.2476



55.8981, 0.4007, 0.4028



55.8981, 0.2193, 0.2780

Square

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



55.8981, 0.4007, 0.4028



55.8981, 0.2643, 0.3738



55.8981, 0.2293, 0.2527



55.8981, 0.3593, 0.2888

Rectangle

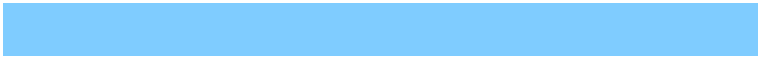
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.8981, 0.4007, 0.4028



55.8981, 0.3289, 0.4195



55.8981, 0.2293, 0.2527



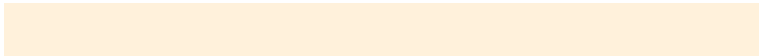
55.8981, 0.2899, 0.2545

Sweetspot

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



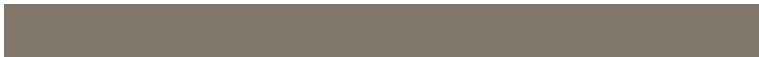
55.9007, 0.4007, 0.4028



89.4945, 0.3356, 0.3508



34.5799, 0.3882, 0.2827



18.8284, 0.3395, 0.3543



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.



55.9007, 0.4007, 0.4028



64.3977, 0.4216, 0.4160



74.3184, 0.3714, 0.4457



15.8413, 0.3277, 0.3435



20.7050, 0.5067, 0.4359



1.7083, 0.4905, 0.4487

Inverse Universe

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



37.4552, 0.2354, 0.2405



39.0257, 0.2197, 0.2189



25.8600, 0.2344, 0.1877



14.7876, 0.2981, 0.3141



7.4132, 0.1672, 0.1218



0.7230, 0.1753, 0.1509

Previews

White Background



This preview shows how the Yxy color 55.8981, 0.4007, 0.4028 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 55.8981, 0.4007, 0.4028 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 55.8981, 0.4007, 0.4028

Background



This preview shows how black text looks on a background with the Yxy color 55.8981, 0.4007, 0.4028.



This preview shows how white text looks on a background with the Yxy color 55.8981, 0.4007, 0.4028.

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

55.8981, 0.4007, 0.4028

Protanopia

55.9119, 0.3814, 0.4115

Deuteranopia

56.0787, 0.4063, 0.3981



Tritanopia

55.7921, 0.3503, 0.3138

Trichromacy



Original Color

55.8981, 0.4007, 0.4028

Protanomaly

55.9087, 0.3883, 0.4089

Deuteranomaly

56.1661, 0.4040, 0.3997

Tritanomaly

55.4331, 0.3694, 0.3459

Monochromacy



Original Color

55.8981, 0.4007, 0.4028

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0412, 0.3437, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8981, 0.4007, 0.4028 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(232, 191, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 191, 125)  
}
```

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(232, 191, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 191, 125) }
```

Border

The CSS property to change the border of an element to Yxy 55.8981, 0.4007, 0.4028 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(232, 191, 125) }
```

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

```
.border{ border-color:rgb(232, 191, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 191, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 191, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 191, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 191,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8981, 0.4007, 0.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 191, 125) }
```

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

```
.background{ background-color: rgb(232,  
191, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor