

Converting Colors

Yxy(56.8948, 0.4002, 0.4120)

Have a look what the booklet for
Yxy(56.8948, 0.4002, 0.4120)
contains.

| | |
|---|----|
| Yxy(56.5977, 0.4003, 0.4120) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(56.5977, 0.4003, 0.4120)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5C278 |
| RGB | 229, 194, 120 |
| RGB Percent | 90%, 76%, 47% |
| CMY | 0.1020, 0.2392, 0.5295 |
| CMYK | 0.00, 0.15, 0.48, 0.10 |
| HSL | 41°, 68%, 68% |
| HSV | 41°, 48%, 90% |
| XYZ | 54.9904, 56.5977, 25.7849 |
| YIQ | 196.0290, 44.6140, -15.5940 |

Conversions

Conversions Part 2

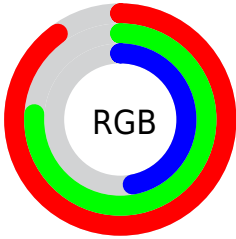
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 172, 229, 120 |
| Decimal | 15057528 |
| CIE Lab | 79.95, 3.04, 41.70 |
| CIE LCh | 80, 41.810, 85.827 |
| Yxy | 56.5977, 0.4003, 0.4120 |
| Android (android.graphics.Color) | 4293247608 (0xFFE5C278) |
| YUV | 196.0290, -37.4823, 28.9156 |
| Hunter-Lab | 75.2314, -1.1804, 32.3409 |

Details

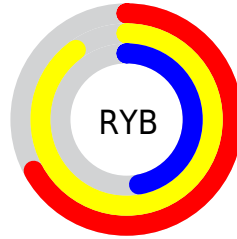
The Yxy color **56.5977, 0.4003, 0.4120** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.0711, 0.2311, 0.2275**, and the grayscale version is **55.4286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6483, 0.3628, 0.4052**, and **28.1374, 0.4205, 0.4319** is the 20% darker color. If you saturate the color by 10%, you get **52.9195, 0.4211, 0.4272**, and if you desaturate by 10%, it is **60.5758, 0.3797, 0.3950**.

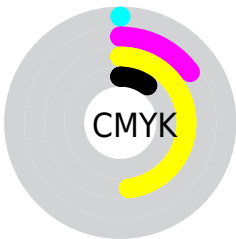
Distribution



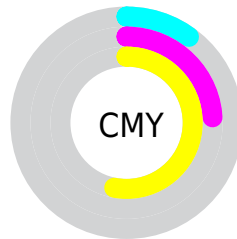
- Red (90%)
- Green (76%)
- Blue (47%)



- Red (67%)
- Yellow (90%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5977, 0.4003, 0.4120 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 56.5977, 0.4003, 0.4120 by changing the saturation by 10% instead.


 56.5977, 0.4003,
0.4120


 56.5977, 0.4003,
0.4120


411.9401, 0.3590,
0.3734


 40.6823, 0.4096,
0.4205


 99.8779, 0.3860,
0.3988

 28.0710, 0.4209,
0.4307


 128.0116, 0.3804,
0.3936

 18.3792, 0.4346,
0.4429


 160.9868, 0.3756,
0.3891

 11.2225, 0.4514,
0.4574

199.1880, 0.3714,
0.3851

 6.2167, 0.4723,
0.4747

242.9995, 0.3677,
0.3817

 2.9773, 0.5019,
0.4981

292.8058, 0.3644,

 1.1199, 0.5074,

0.3786

0.4926

348.9912, 0.3615,
0.3758

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5977, 0.4003,
0.4120

56.5977, 0.4003,
0.4120

52.9195, 0.4211,
0.4272

60.5758, 0.3797,
0.3950

49.5213, 0.4413,
0.4394

64.8568, 0.3599,
0.3771

46.3925, 0.4598,
0.4475


69.4534, 0.3415,
0.3592

43.5177, 0.4756,
0.4508


74.3753, 0.3245,
0.3417


 40.8772, 0.4883,
0.4491


 79.6314, 0.3092,
0.3251

 40.2737, 0.4911,
0.4483

 85.0772, 0.2968,
0.3119

 89.4448, 0.2969,
0.3194

 93.9890, 0.2969,
0.3267

 95.3959, 0.2970,
0.3290

Harmonies

Analogous

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



56.5977, 0.4216, 0.3759



56.5977, 0.4003, 0.4120



56.5977, 0.3560, 0.4288

Triad

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



56.5977, 0.4003, 0.4120



56.5977, 0.2229, 0.3122



56.5977, 0.3157, 0.2610

Complementary

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



56.5977, 0.4003, 0.4120



33.0711, 0.2311, 0.2275

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.



56.5977, 0.2641, 0.2442



56.5977, 0.4003, 0.4120



56.5977, 0.2143, 0.2687

Square

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



56.5977, 0.4003, 0.4120



56.5977, 0.2540, 0.3675



56.5977, 0.2286, 0.2459



56.5977, 0.3710, 0.2926

Rectangle

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



56.5977, 0.4003, 0.4120



56.5977, 0.3203, 0.4224



56.5977, 0.2286, 0.2459



56.5977, 0.2973, 0.2536

Sweetspot

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



56.6004, 0.4003, 0.4120



90.8194, 0.3353, 0.3530



32.4921, 0.3986, 0.2875



19.1522, 0.3391, 0.3568



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.



56.6004, 0.4003, 0.4120



67.6705, 0.4206, 0.4268



71.2086, 0.3688, 0.4511



15.9966, 0.3275, 0.3449



23.2561, 0.4897, 0.4494



1.8847, 0.4769, 0.4596

Inverse Universe

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



33.0711, 0.2311, 0.2275



34.3837, 0.2139, 0.2022



24.4971, 0.2357, 0.1841



14.6382, 0.2981, 0.3126



6.1870, 0.1626, 0.1052



0.6204, 0.1707, 0.1343

Previews

White Background



This preview shows how the Yxy color 56.5977, 0.4003, 0.4120 looks on a white background.

Color Contrast Check

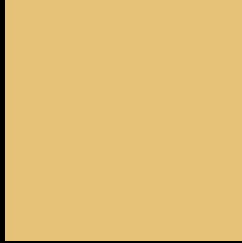
Large Text (above 18pt) WCAG AA × Fail

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 56.5977, 0.4003, 0.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

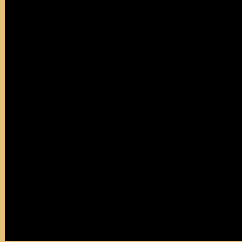
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5977, 0.4003, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 56.5977, 0.4003, 0.4120.



This preview shows how white text looks on a background with the Yxy color 56.5977, 0.4003, 0.4120.

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

56.5977, 0.4003, 0.4120

Protanopia

56.5450, 0.3863, 0.4175

Deuteranopia

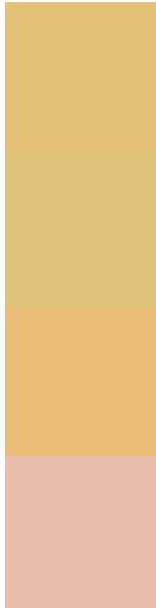
56.3009, 0.4119, 0.4027



Tritanopia

56.4090, 0.3457, 0.3127

Trichromacy



Original Color

56.5977, 0.4003, 0.4120

Protanomaly

56.6851, 0.3910, 0.4164

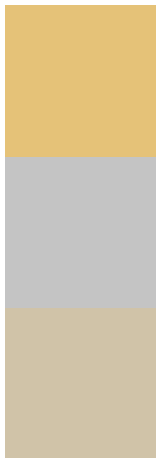
Deuteranomaly

56.4749, 0.4073, 0.4059

Tritanomaly

56.3611, 0.3668, 0.3494

Monochromacy



Original Color

56.5977, 0.4003, 0.4120

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2673, 0.3442, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5977, 0.4003, 0.4120 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(229, 194, 120)` looks like.

```
.text, #text, p{  
    color:rgb(229, 194, 120)  
}
```

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(229, 194, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 194, 120) }
```

Border

The CSS property to change the border of an element to Yxy 56.5977, 0.4003, 0.4120 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(229, 194, 120) }
```

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

```
.border{ border-color:rgb(229, 194, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 194, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 194, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 194, 120);  
box-shadow:4px 4px 4px 4px rgb(229, 194,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5977, 0.4003, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 194, 120) }
```

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

```
.background{ background-color: rgb(229,  
194, 120) }
```

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