

Converting Colors

$Y_{xy}(55.0220, 0.4134, 0.4343)$

Have a look what the booklet for
Yxy(55.0220, 0.4134, 0.4343)
contains.

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Color

Yxy(55.0293, 0.4127, 0.4341)

Conversions

Conversions Part 1

Format	Color
Hex	E1C162
RGB	225, 193, 98
RGB Percent	88%, 76%, 38%
CMY	0.1178, 0.2431, 0.6157
CMYK	0.00, 0.14, 0.56, 0.12
HSL	45°, 68%, 63%
HSV	45°, 56%, 88%
XYZ	52.3165, 55.0293, 19.4206
YIQ	191.7380, 49.5670, -22.7610

Conversions

Conversions Part 2

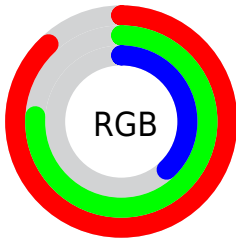
Format	Color
RYB	141, 225, 98
Decimal	14795106
CIELab	79.06, 0.03, 51.31
CIElCh	79, 51.313, 89.963
Yxy	55.0293, 0.4127, 0.4341
Android (android.graphics.Color)	4292985186 (0xFFE1C162)
YUV	191.7380, -46.2128, 29.1708
Hunter-Lab	74.1817, -3.9313, 36.4052

Details

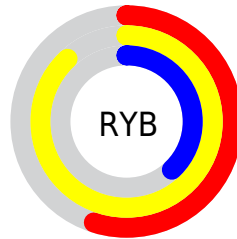
The Yxy color **55.0293, 0.4127, 0.4341** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **23.9815, 0.2128, 0.1918**, and the grayscale version is **52.8039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2457, 0.3761, 0.4252**, and **27.1689, 0.4341, 0.4570** is the 20% darker color. If you saturate the color by 10%, you get **52.2101, 0.4304, 0.4479**, and if you desaturate by 10%, it is **58.0689, 0.3939, 0.4174**.

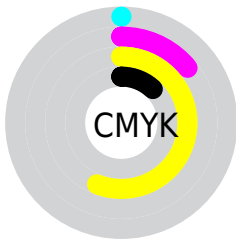
Distribution



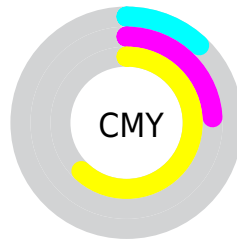
- Red (88%)
- Green (76%)
- Blue (38%)



- Red (55%)
- Yellow (88%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (56%)
- Black (12%)




- Cyan (12%)
- Magenta (24%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0293, 0.4127, 0.4341 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 55.0293, 0.4127, 0.4341 by changing the saturation by 10% instead.

 55.0293, 0.4127,
0.4341


 55.0293, 0.4127,
0.4341


406.0230, 0.3664,
0.3855


 39.4252, 0.4226,
0.4445


 97.5839, 0.3971,
0.4177

 27.0907, 0.4341,
0.4566


 125.3031, 0.3908,
0.4111

 17.6413, 0.4475,
0.4707

 157.8296, 0.3854,
0.4054

 10.6928, 0.4624,
0.4863

 195.5475, 0.3806,
0.4004

 5.8607, 0.4874,
0.5126

238.8415, 0.3765,
0.3960

 2.7605, 0.4875,
0.5125

288.0958, 0.3727,

 1.0080, 0.4875,

0.3921

0.5125

343.6948, 0.3694,
0.3886

0.0000, 0.0000,
0.0000

55.0293, 0.4127,
0.4341

55.0293, 0.4127,
0.4341

52.2101, 0.4304,
0.4479

58.0689, 0.3939,
0.4174

49.5920, 0.4463,
0.4578

61.3312, 0.3750,
0.3988

47.1647, 0.4595,
0.4630

64.8281, 0.3565,
0.3794

44.9118, 0.4697,
0.4633

68.5680, 0.3389,
0.3598

44.1410, 0.4729,
0.4627

72.5589, 0.3225,
0.3408

■ 76.8085, 0.3075,
0.3226

■ 81.2928, 0.2941,
0.3061

■ 84.5421, 0.2943,
0.3119

■ 87.8950, 0.2944,
0.3178

Harmonies

Analogous

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



55.0293, 0.4451, 0.3903



55.0293, 0.4127, 0.4341



55.0293, 0.3552, 0.4536

Triad

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



55.0293, 0.4127, 0.4341



55.0293, 0.2006, 0.2979



55.0293, 0.3252, 0.2513

Complementary

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



55.0293, 0.4127, 0.4341



23.9815, 0.2128, 0.1918

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.



55.0293, 0.2605, 0.2285



55.0293, 0.4127, 0.4341



55.0293, 0.1948, 0.2488

Square

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



55.0293, 0.4127, 0.4341



55.0293, 0.2335, 0.3671



55.0293, 0.2152, 0.2265



55.0293, 0.3932, 0.2904

Rectangle

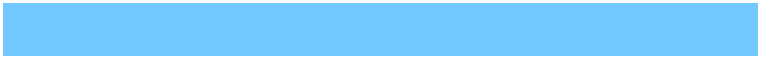
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.0293, 0.4127, 0.4341



55.0293, 0.3112, 0.4431



55.0293, 0.2152, 0.2265



55.0293, 0.3022, 0.2416

Sweetspot

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



55.0319, 0.4127, 0.4341



90.7540, 0.3401, 0.3612



26.3996, 0.4359, 0.2909



19.2052, 0.3436, 0.3651



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.



55.0319, 0.4127, 0.4341



68.6393, 0.4338, 0.4503



66.3568, 0.3701, 0.4750



15.4150, 0.3273, 0.3465



25.6417, 0.4719, 0.4635



1.9170, 0.4620, 0.4713

Inverse Universe

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



23.9815, 0.2128, 0.1918



23.7196, 0.1921, 0.1579



18.7311, 0.2253, 0.1575



13.8008, 0.2981, 0.3109



4.9537, 0.1583, 0.0897



0.4847, 0.1665, 0.1192

Previews

White Background



This preview shows how the Yxy color 55.0293, 0.4127, 0.4341 looks on a white background.

Color Contrast Check

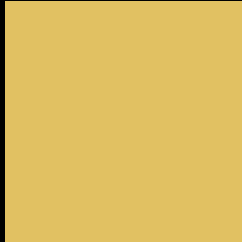
Large Text (above 18pt) WCAG AA × Fail

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 55.0293, 0.4127, 0.4341 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 55.0293, 0.4127, 0.4341

Background



This preview shows how black text looks on a background with the Yxy color 55.0293, 0.4127, 0.4341.



This preview shows how white text looks on a background with the Yxy color 55.0293, 0.4127, 0.4341.

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

55.0293, 0.4127, 0.4341

Protanopia

54.9796, 0.4023, 0.4396

Deuteranopia

55.1615, 0.4293, 0.4203



Tritanopia

54.9338, 0.3460, 0.3136

Trichromacy



Original Color

55.0293, 0.4127, 0.4341

Protanomaly

54.9911, 0.4056, 0.4375

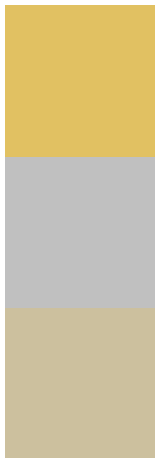
Deuteranomaly

54.9582, 0.4235, 0.4254

Tritanomaly

54.6448, 0.3733, 0.3588

Monochromacy



Original Color

55.0293, 0.4127, 0.4341

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0053, 0.3494, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0293, 0.4127, 0.4341 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(225, 193, 98)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 98)  
}
```

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(225, 193, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 98) }
```

Border

The CSS property to change the border of an element to Yxy 55.0293, 0.4127, 0.4341 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(225, 193, 98) }
```

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

```
.border{ border-color:rgb(225, 193, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 98);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0293, 0.4127, 0.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 98) }
```

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

```
.background{ background-color: rgb(225,  
193, 98) }
```

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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