

Converting Colors

$Yxy(57.3533, 0.4144, 0.4273)$

Have a look what the booklet for
Yxy(57.3533, 0.4144, 0.4273)
contains.

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Color

Yxy(57.3533, 0.4144, 0.4273)

Conversions

Conversions Part 1

Format	Color
Hex	E9C368
RGB	233, 195, 104
RGB Percent	91%, 76%, 41%
CMY	0.0862, 0.2353, 0.5920
CMYK	0.00, 0.16, 0.55, 0.09
HSL	42°, 75%, 66%
HSV	42°, 55%, 91%
XYZ	55.6218, 57.3533, 21.2474
YIQ	195.9880, 51.8590, -20.2450

Conversions

Conversions Part 2

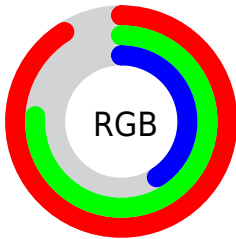
Format	Color
R _Y B	158, 233, 104
Decimal	15319912
CIE Lab	80.38, 2.80, 50.16
CIE LCh	80, 50.241, 86.807
Yxy	57.3533, 0.4144, 0.4273
Android (android.graphics.Color)	4293509992 (0xFFE9C368)
YUV	195.9880, -45.3501, 32.4595
Hunter-Lab	75.7320, -1.4305, 36.3779

Details

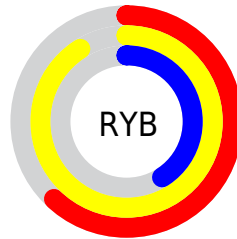
The Yxy color **57.3533, 0.4144, 0.4273** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.1917, 0.2162, 0.2025**, and the grayscale version is **55.4526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6887, 0.3719, 0.4213**, and **28.7170, 0.4364, 0.4477** is the 20% darker color. If you saturate the color by 10%, you get **53.9389, 0.4338, 0.4407**, and if you desaturate by 10%, it is **61.0455, 0.3943, 0.4111**.

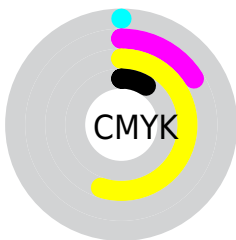
Distribution



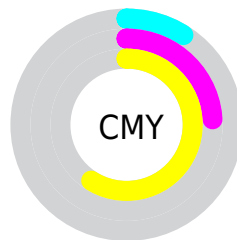
- Red (91%)
- Green (76%)
- Blue (41%)



- Red (62%)
- Yellow (91%)
- Blue (41%)



- Cyan (0%)
- Magenta (16%)
- Yellow (55%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3533, 0.4144, 0.4273 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 57.3533, 0.4144, 0.4273 by changing the saturation by 10% instead.

 57.3533, 0.4144,
0.4273


 57.3533, 0.4144,
0.4273

414.7719, 0.3673,
0.3824

 41.2890, 0.4246,
0.4368


 100.9805, 0.3984,
0.4122


 28.5449, 0.4365,
0.4478


 129.3122, 0.3921,
0.4062

 18.7368, 0.4507,
0.4605


 162.5017, 0.3865,
0.4009

 11.4803, 0.4668,
0.4746

 200.9336, 0.3817,
0.3963

 6.3909, 0.4918,
0.4962

244.9921, 0.3775,
0.3922

 3.0842, 0.5006,
0.4994

295.0618, 0.3737,

 1.1758, 0.5055,

0.3886

0.4945

351.5269, 0.3703,
0.3854

■ 0.0418, 0.7210,
0.2790

■ 0.0000, 0.0000,
0.0000

■ 57.3533, 0.4144,
0.4273

■ 57.3533, 0.4144,
0.4273

■ 53.9389, 0.4338,
0.4407

■ 61.0455, 0.3943,
0.4111

■ 50.7812, 0.4517,
0.4503

■ 65.0190, 0.3744,
0.3933


■ 47.8680, 0.4670,
0.4552

■ 69.2872, 0.3553,
0.3747


■ 45.1817, 0.4792,
0.4551

■ 73.8599, 0.3374,
0.3562


 43.9964, 0.4842,
0.4538

 78.7465, 0.3209,
0.3382

 83.9558, 0.3059,
0.3212

 88.6885, 0.2993,
0.3170

 92.8775, 0.2993,
0.3239

 96.0649, 0.2993,
0.3290

Harmonies

Analogous

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



57.3533, 0.4421, 0.3837



57.3533, 0.4144, 0.4273



57.3533, 0.3607, 0.4490

Triad

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



57.3533, 0.4144, 0.4273



57.3533, 0.2062, 0.3056



57.3533, 0.3179, 0.2504

Complementary

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



57.3533, 0.4144, 0.4273



28.1917, 0.2162, 0.2025

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.



57.3533, 0.2566, 0.2302



57.3533, 0.4144, 0.4273



57.3533, 0.1976, 0.2554

Square

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



57.3533, 0.4144, 0.4273



57.3533, 0.2410, 0.3730



57.3533, 0.2149, 0.2307



57.3533, 0.3842, 0.2871

Rectangle

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



57.3533, 0.4144, 0.4273



57.3533, 0.3183, 0.4418



57.3533, 0.2149, 0.2307



57.3533, 0.2959, 0.2416

Sweetspot

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



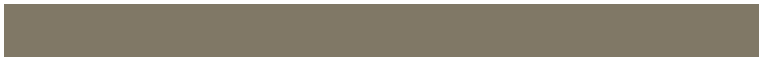
57.3560, 0.4144, 0.4273



89.6335, 0.3404, 0.3594



29.2103, 0.4267, 0.2866



18.9391, 0.3439, 0.3631



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.



57.3560, 0.4144, 0.4273



65.7972, 0.4357, 0.4419



72.5790, 0.3727, 0.4710



16.8336, 0.3275, 0.3455



25.1878, 0.4829, 0.4548



2.1433, 0.4720, 0.4634

Inverse Universe

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



28.1917, 0.2162, 0.2025



26.9250, 0.1975, 0.1727



20.5270, 0.2238, 0.1592



15.2724, 0.2980, 0.3119



5.9172, 0.1608, 0.0987



0.6263, 0.1683, 0.1259

Previews

White Background



This preview shows how the Yxy color 57.3533, 0.4144, 0.4273 looks on a white background.

Color Contrast Check

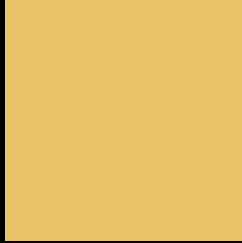
Large Text (above 18pt) WCAG AA × Fail

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 57.3533, 0.4144, 0.4273 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 57.3533, 0.4144, 0.4273

Background



This preview shows how black text looks on a background with the Yxy color 57.3533, 0.4144, 0.4273.



This preview shows how white text looks on a background with the Yxy color 57.3533, 0.4144, 0.4273.

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

57.3533, 0.4144, 0.4273

Protanopia

57.5648, 0.3989, 0.4351

Deuteranopia

57.2593, 0.4272, 0.4173



Tritanopia

57.0590, 0.3500, 0.3139

Trichromacy



Original Color

57.3533, 0.4144, 0.4273

Protanomaly

57.4156, 0.4050, 0.4323

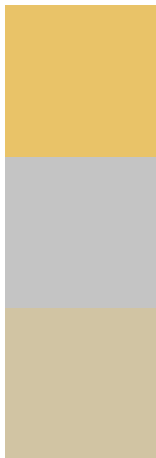
Deuteranomaly

57.4200, 0.4225, 0.4206

Tritanomaly

56.8239, 0.3754, 0.3558

Monochromacy



Original Color

57.3533, 0.4144, 0.4273

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6795, 0.3488, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3533, 0.4144, 0.4273 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(233, 195, 104)` looks like.

```
.text, #text, p{  
    color:rgb(233, 195, 104)  
}
```

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(233, 195, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 195, 104) }
```

Border

The CSS property to change the border of an element to Yxy 57.3533, 0.4144, 0.4273 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(233, 195, 104) }
```

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

```
.border{ border-color:rgb(233, 195, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 195, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 195, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 195, 104);  
box-shadow:4px 4px 4px 4px rgb(233, 195,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3533, 0.4144, 0.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 195, 104) }
```

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

```
.background{ background-color: rgb(233,  
195, 104) }
```

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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