

Converting Colors

$Yxy(57.3277, 0.4202, 0.4279)$

Have a look what the booklet for
Yxy(57.3277, 0.4202, 0.4279)
contains.

Yxy(57.3560, 0.4196, 0.4280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.3560, 0.4196, 0.4280)

Conversions

Conversions Part 1

Format	Color
Hex	ECC265
RGB	236, 194, 101
RGB Percent	93%, 76%, 40%
CMY	0.0746, 0.2392, 0.6039
CMYK	0.00, 0.18, 0.57, 0.07
HSL	41°, 78%, 66%
HSV	41°, 57%, 93%
XYZ	56.2303, 57.3560, 20.4230
YIQ	195.9560, 54.8850, -20.0190

Conversions

Conversions Part 2

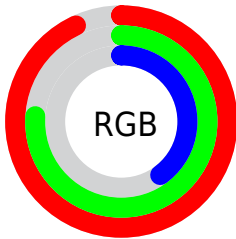
Format	Color
RYB	162, 236, 101
Decimal	15516261
CIELab	80.38, 4.31, 51.69
CIELCh	80, 51.866, 85.231
Yxy	57.3560, 0.4196, 0.4280
Android (android.graphics.Color)	4293706341 (0xFFECC265)
YUV	195.9560, -46.8133, 35.1186
Hunter-Lab	75.7337, -0.0025, 37.0250

Details

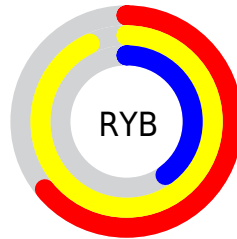
The Yxy color **57.3560, 0.4196, 0.4280** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.4664, 0.2135, 0.2004**, and the grayscale version is **55.4375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9643, 0.3740, 0.4233**, and **28.6186, 0.4424, 0.4488** is the 20% darker color. If you saturate the color by 10%, you get **53.7736, 0.4395, 0.4405**, and if you desaturate by 10%, it is **61.2381, 0.3990, 0.4125**.

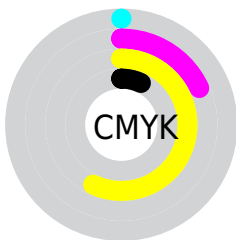
Distribution



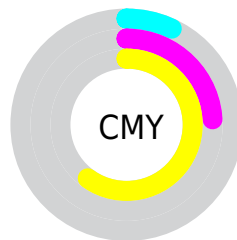
- Red (93%)
- Green (76%)
- Blue (40%)



- Red (64%)
- Yellow (93%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (57%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3560, 0.4196, 0.4280 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 57.3560, 0.4196, 0.4280 by changing the saturation by 10% instead.


 57.3560, 0.4196,
0.4280


 57.3560, 0.4196,
0.4280


414.7819, 0.3702,
0.3832

 41.2911, 0.4302,
0.4373

 100.9845, 0.4028,
0.4131


 28.5466, 0.4427,
0.4479


 129.3168, 0.3962,
0.4071

 18.7381, 0.4573,
0.4601


 162.5072, 0.3904,
0.4018

 11.4812, 0.4740,
0.4731

 200.9398, 0.3853,
0.3972

 6.3915, 0.5014,
0.4948

244.9993, 0.3809,
0.3931

 3.0846, 0.5076,
0.4924

295.0698, 0.3769,

 1.1760, 0.5152,

0.3895

0.4848

351.5359, 0.3733,
0.3862

0.0420, 0.7756,
0.2244

0.0000, 0.0000,
0.0000

57.3560, 0.4196,
0.4280

57.3560, 0.4196,
0.4280

53.7736, 0.4395,
0.4405

61.2381, 0.3990,
0.4125

50.4685, 0.4576,
0.4490


65.4241, 0.3786,
0.3952


47.4275, 0.4731,
0.4526

69.9284, 0.3590,
0.3771


44.6303, 0.4854,
0.4512


74.7617, 0.3407,
0.3589

 43.8806, 0.4886,
0.4503

 79.9339, 0.3239,
0.3412

 85.4545, 0.3086,
0.3244

 90.5894, 0.3012,
0.3194

 95.1281, 0.3011,
0.3267

 96.5706, 0.3011,
0.3290

Harmonies

Analogous

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



57.3560, 0.4466, 0.3823



57.3560, 0.4196, 0.4280



57.3560, 0.3651, 0.4527

Triad

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



57.3560, 0.4196, 0.4280



57.3560, 0.2043, 0.3080



57.3560, 0.3143, 0.2467

Complementary

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



57.3560, 0.4196, 0.4280



28.4664, 0.2135, 0.2004

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.



57.3560, 0.2520, 0.2269



57.3560, 0.4196, 0.4280



57.3560, 0.1942, 0.2550

Square

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



57.3560, 0.4196, 0.4280



57.3560, 0.2413, 0.3782



57.3560, 0.2106, 0.2286



57.3560, 0.3831, 0.2835

Rectangle

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



57.3560, 0.4196, 0.4280



57.3560, 0.3217, 0.4471



57.3560, 0.2106, 0.2286



57.3560, 0.2918, 0.2380

Sweetspot

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



57.3588, 0.4196, 0.4280



89.2134, 0.3405, 0.3587



29.1477, 0.4297, 0.2830



18.8394, 0.3441, 0.3623



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.



57.3588, 0.4196, 0.4280



63.2626, 0.4434, 0.4427



74.8081, 0.3758, 0.4743



16.7906, 0.3276, 0.3452



24.4317, 0.4872, 0.4514



2.0885, 0.4755, 0.4607

Inverse Universe

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



28.4664, 0.2135, 0.2004



25.8717, 0.1937, 0.1684



19.7838, 0.2185, 0.1524



15.3132, 0.2980, 0.3123



6.1966, 0.1618, 0.1026



0.6524, 0.1695, 0.1300

Previews

White Background



This preview shows how the Yxy color 57.3560, 0.4196, 0.4280 looks on a white background.

Color Contrast Check

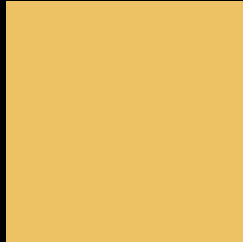
Large Text (above 18pt) WCAG AA × Fail

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 57.3560, 0.4196, 0.4280 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 57.3560, 0.4196, 0.4280

Background



This preview shows how black text looks on a background with the Yxy color 57.3560, 0.4196, 0.4280.



This preview shows how white text looks on a background with the Yxy color 57.3560, 0.4196, 0.4280.

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

57.3560, 0.4196, 0.4280

Protanopia

57.5035, 0.4008, 0.4380

Deuteranopia

57.1987, 0.4293, 0.4200



Tritanopia

57.1313, 0.3536, 0.3141

Trichromacy



Original Color

57.3560, 0.4196, 0.4280

Protanomaly

57.5162, 0.4078, 0.4347

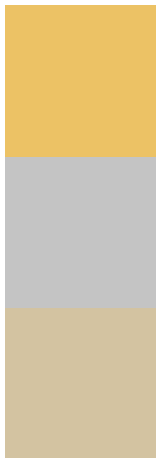
Deuteranomaly

57.0982, 0.4261, 0.4220

Tritanomaly

56.8501, 0.3800, 0.3567

Monochromacy



Original Color

57.3560, 0.4196, 0.4280

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4523, 0.3523, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3560, 0.4196, 0.4280 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, 194, 101)` looks like.

```
.text, #text, p{  
    color:rgb(236, 194, 101)  
}
```

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, 194, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 194, 101) }
```

Border

The CSS property to change the border of an element to Yxy 57.3560, 0.4196, 0.4280 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, 194, 101) }
```

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

```
.border{ border-color:rgb(236, 194, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 194, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 194, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 194, 101);  
box-shadow:4px 4px 4px 4px rgb(236, 194,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3560, 0.4196, 0.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 194, 101) }
```

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

```
.background{ background-color: rgb(236,  
194, 101) }
```

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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