

Converting Colors

$Yxy(57.7417, 0.2815, 0.4451)$

Have a look what the booklet for
Yxy(57.7417, 0.2815, 0.4451)
contains.

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Color

Yxy(57.8663, 0.2814, 0.4447)

Conversions

Conversions Part 1

Format	Color
Hex	61E090
RGB	97, 224, 144
RGB Percent	38%, 88%, 56%
CMY	0.6198, 0.1215, 0.4351
CMYK	0.57, 0.00, 0.36, 0.12
HSL	142°, 67%, 63%
HSV	142°, 57%, 88%
XYZ	36.6170, 57.8663, 35.6411
YIQ	176.9070, -50.0120, -51.8040

Conversions

Conversions Part 2

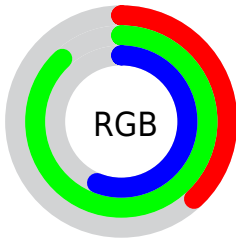
Format	Color
RYB	97, 190, 224
Decimal	6414480
CIELab	80.66, -52.84, 28.83
CIElCh	81, 60.191, 151.384
Yxy	57.8663, 0.2814, 0.4447
Android (android.graphics.Color)	4284604560 (0xFF61E090)
YUV	176.9070, -16.2232, -70.0784
Hunter-Lab	76.0699, -47.1996, 25.4698

Details

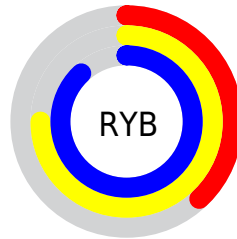
The Yxy color **57.8663, 0.2814, 0.4447** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **27.5574, 0.3731, 0.2394**, and the grayscale version is **44.0162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7653, 0.2866, 0.3963**, and **28.9777, 0.2704, 0.4798** is the 20% darker color. If you saturate the color by 10%, you get **56.4032, 0.2792, 0.4694**, and if you desaturate by 10%, it is **59.7352, 0.2851, 0.4206**.

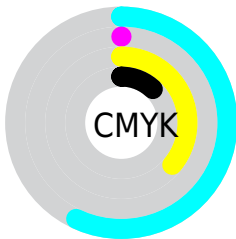
Distribution



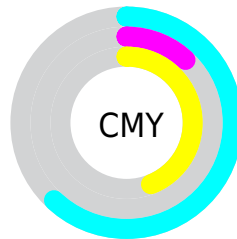
- Red (38%)
- Green (88%)
- Blue (56%)



- Red (38%)
- Yellow (75%)
- Blue (88%)



- Cyan (57%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)





- Cyan (62%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8663, 0.2814, 0.4447 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 57.8663, 0.2814, 0.4447 by changing the saturation by 10% instead.


 57.8663, 0.2814,
0.4447


 57.8663, 0.2814,
0.4447


416.6876, 0.2985,
0.3851


 41.7012, 0.2767,
0.4600


 101.7281, 0.2880,
0.4227


 28.8674, 0.2704,
0.4798


 130.1936, 0.2903,
0.4145

 18.9805, 0.2617,
0.5065


 163.5280, 0.2923,
0.4077

 11.6562, 0.2488,
0.5438

 202.1158, 0.2939,
0.4018

 6.5100, 0.2283,
0.5993

246.3412, 0.2953,
0.3968

 3.1576, 0.1959,
0.6989

296.5887, 0.2965,

 1.2146, 0.0000,

0.3924

1.0000

353.2427, 0.2976,
0.3885

■ 0.0736, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8663, 0.2814,
0.4447

■ 57.8663, 0.2814,
0.4447

■ 56.4032, 0.2792,
0.4694

■ 59.7352, 0.2851,
0.4206

■ 55.3068, 0.2787,
0.4936


■ 62.0313, 0.2900,
0.3976

■ 54.5421, 0.2801,
0.5166

■ 64.7827, 0.2957,
0.3763

■ 54.0619, 0.2831,
0.5371

■ 68.0132, 0.3019,
0.3570

 53.9408, 0.2843,
0.5433

 71.7449, 0.3083,
0.3396

 75.9982, 0.3148,
0.3242

 80.7928, 0.3213,
0.3106

 81.7957, 0.3141,
0.2990

Harmonies

Analogous

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



57.8663, 0.3559, 0.4735



57.8663, 0.2814, 0.4447



57.8663, 0.2194, 0.3686

Triad

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



57.8663, 0.2814, 0.4447



57.8663, 0.2041, 0.2125



57.8663, 0.4598, 0.3413

Complementary

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



57.8663, 0.2814, 0.4447



27.5574, 0.3731, 0.2394

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.



57.8663, 0.4088, 0.2869



57.8663, 0.2814, 0.4447



57.8663, 0.2557, 0.2165

Square

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



57.8663, 0.2814, 0.4447



57.8663, 0.1802, 0.2351



57.8663, 0.3303, 0.2429



57.8663, 0.4631, 0.3986

Rectangle

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



57.8663, 0.2814, 0.4447



57.8663, 0.1929, 0.3131



57.8663, 0.3303, 0.2429



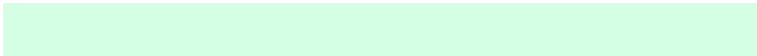
57.8663, 0.4476, 0.3225

Sweetspot

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



57.8687, 0.2814, 0.4447



91.0509, 0.3016, 0.3577



63.5737, 0.3572, 0.4827



19.2907, 0.3003, 0.3615



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.



57.8687, 0.2814, 0.4447



75.3675, 0.2790, 0.4737



60.3620, 0.2496, 0.3516



15.4209, 0.3066, 0.3441



31.4153, 0.2835, 0.5405



2.1944, 0.2748, 0.5091

Inverse Universe

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



27.5574, 0.3731, 0.2394



30.9838, 0.3916, 0.2264



25.5991, 0.4613, 0.3104



13.8449, 0.3194, 0.3144



10.3660, 0.4416, 0.2206



0.7356, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 57.8663, 0.2814, 0.4447 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 57.8663, 0.2814, 0.4447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

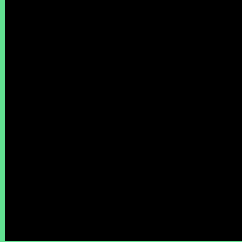
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8663, 0.2814, 0.4447

Background



This preview shows how black text looks on a background with the Yxy color 57.8663, 0.2814, 0.4447.

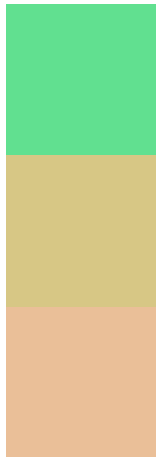


This preview shows how white text looks on a background with the Yxy color 57.8663, 0.2814, 0.4447.

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

57.8663, 0.2814, 0.4447

Protanopia

56.9874, 0.3761, 0.4068

Deuteranopia

57.0210, 0.3809, 0.3729



Tritanopia

57.4230, 0.2455, 0.3058

Trichromacy



Original Color

57.8663, 0.2814, 0.4447



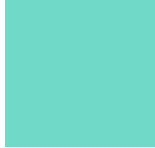
Protanomaly

55.6885, 0.3343, 0.4223



Deuteranomaly

55.0721, 0.3367, 0.3984



Tritanomaly

57.1940, 0.2583, 0.3533

Monochromacy



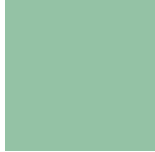
Original Color

57.8663, 0.2814, 0.4447



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

47.5961, 0.2977, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8663, 0.2814, 0.4447 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(97, 224, 144)` looks like.

```
.text, #text, p{  
  color:rgb(97, 224, 144)  
}
```

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(97, 224, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 224, 144) }
```

Border

The CSS property to change the border of an element to Yxy 57.8663, 0.2814, 0.4447 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(97, 224, 144) }
```

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

```
.border{ border-color:rgb(97, 224, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 224, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 224, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 224, 144);  
box-shadow:4px 4px 4px 4px rgb(97, 224,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8663, 0.2814, 0.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 224, 144) }
```

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

```
.background{ background-color: rgb(97, 224,  
144) }
```

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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