

Converting Colors

$Yxy(62.7105, 0.3978, 0.4303)$

Have a look what the booklet for
Yxy(62.7105, 0.3978, 0.4303)
contains.

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Color

Yxy(62.6635, 0.3982, 0.4304)

Conversions

Conversions Part 1

Format	Color
Hex	E6CF72
RGB	230, 207, 114
RGB Percent	90%, 81%, 45%
CMY	0.0982, 0.1882, 0.5530
CMYK	0.00, 0.10, 0.50, 0.10
HSL	48°, 70%, 67%
HSV	48°, 50%, 90%
XYZ	57.9754, 62.6635, 24.9547
YIQ	203.2750, 43.5610, -24.0470

Conversions

Conversions Part 2

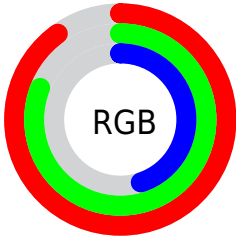
Format	Color
RYB	143, 230, 114
Decimal	15126386
CIELab	83.27, -3.83, 48.75
CIELCh	83, 48.902, 94.490
Yxy	62.6635, 0.3982, 0.4304
Android (android.graphics.Color)	4293316466 (0xFFE6CF72)
YUV	203.2750, -44.0126, 23.4378
Hunter-Lab	79.1603, -7.8007, 36.7214

Details

The Yxy color **62.6635, 0.3982, 0.4304** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.1625, 0.2220, 0.2000**, and the grayscale version is **60.1633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6072, 0.3643, 0.4143**, and **31.9120, 0.4154, 0.4524** is the 20% darker color. If you saturate the color by 10%, you get **60.0331, 0.4150, 0.4469**, and if you desaturate by 10%, it is **65.4949, 0.3805, 0.4115**.

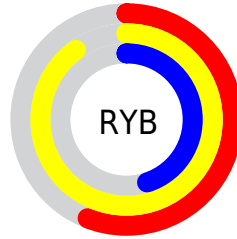
Distribution



Red (90%)

Green (81%)

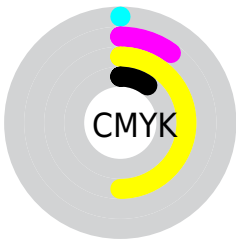
Blue (45%)



Red (56%)

Yellow (90%)

Blue (45%)

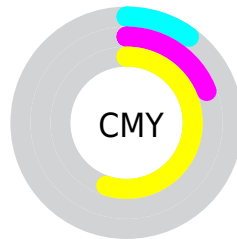


Cyan (0%)

Magenta (10%)

Yellow (50%)

Black (10%)



Cyan (10%)


Magenta (19%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6635, 0.3982, 0.4304 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 62.6635, 0.3982, 0.4304 by changing the saturation by 10% instead.


 62.6635, 0.3982,
0.4304

 62.6635, 0.3982,
0.4304


434.3472, 0.3594,
0.3835

 45.5690, 0.4064,
0.4406


 108.6839, 0.3852,
0.4144

 31.9059, 0.4160,
0.4528


 138.3786, 0.3800,
0.4081

 21.2896, 0.4273,
0.4673


 173.0422, 0.3754,
0.4026

 13.3359, 0.4401,
0.4845

213.0591, 0.3714,
0.3979

 7.6602, 0.4549,
0.5054

258.8137, 0.3679,
0.3936

 3.8783, 0.4702,
0.5298

310.6903, 0.3648,

 1.6057, 0.4642,

0.3899

0.5358

369.0733, 0.3620,
0.3865

■ 0.3615, 0.4090,
0.5910

■ 0.0000, 0.0000,
0.0000

■ 62.6635, 0.3982,
0.4304

■ 62.6635, 0.3982,
0.4304

■ 60.0331, 0.4150,
0.4469

■ 65.4949, 0.3805,
0.4115

■ 57.5844, 0.4301,
0.4600


■ 68.5282, 0.3627,
0.3911


■ 55.3083, 0.4429,
0.4689

■ 71.7749, 0.3453,
0.3703

■ 53.1905, 0.4528,
0.4730


■ 75.2432, 0.3288,
0.3497


 51.2898, 0.4599,
0.4731

 78.9406, 0.3134,
0.3298

 82.8744, 0.2991,
0.3110

 85.6976, 0.2974,
0.3127

 88.3943, 0.2974,
0.3173

 91.1586, 0.2975,
0.3219

Harmonies

Analogous

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



62.6635, 0.4317, 0.3933



62.6635, 0.3982, 0.4304



62.6635, 0.3435, 0.4417

Triad

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



62.6635, 0.3982, 0.4304



62.6635, 0.2069, 0.2929



62.6635, 0.3342, 0.2619

Complementary

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



62.6635, 0.3982, 0.4304



27.1625, 0.2220, 0.2000

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.



62.6635, 0.2731, 0.2381



62.6635, 0.3982, 0.4304



62.6635, 0.2050, 0.2510

Square

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



62.6635, 0.3982, 0.4304



62.6635, 0.2341, 0.3540



62.6635, 0.2278, 0.2333



62.6635, 0.3944, 0.3002

Rectangle

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



62.6635, 0.3982, 0.4304



62.6635, 0.3029, 0.4272



62.6635, 0.2278, 0.2333



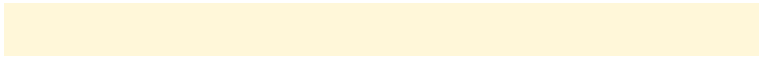
62.6635, 0.3129, 0.2521

Sweetspot

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



62.6664, 0.3982, 0.4304



93.0418, 0.3364, 0.3592



30.6613, 0.4265, 0.3030



19.7168, 0.3399, 0.3636



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.



62.6664, 0.3982, 0.4304



75.5973, 0.4165, 0.4483



69.4169, 0.3597, 0.4635



16.3071, 0.3272, 0.3477



29.2217, 0.4591, 0.4737



2.2833, 0.4522, 0.4791

Inverse Universe

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



27.1625, 0.2220, 0.2000



25.9255, 0.2015, 0.1671



24.1124, 0.2427, 0.1792



14.3466, 0.2980, 0.3096



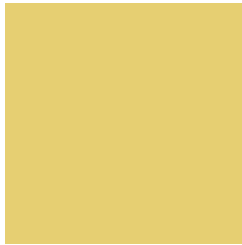
4.4558, 0.1555, 0.0797



0.4581, 0.1626, 0.1054

Previews

White Background



This preview shows how the Yxy color 62.6635, 0.3982, 0.4304 looks on a white background.

Color Contrast Check

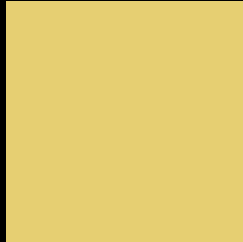
Large Text (above 18pt) WCAG AA × Fail

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 62.6635, 0.3982, 0.4304 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 62.6635, 0.3982, 0.4304

Background



This preview shows how black text looks on a background with the Yxy color 62.6635, 0.3982, 0.4304.



This preview shows how white text looks on a background with the Yxy color 62.6635, 0.3982, 0.4304.

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

62.6635, 0.3982, 0.4304

Protanopia

62.8206, 0.3960, 0.4320

Deuteranopia

62.5318, 0.4212, 0.4124



Tritanopia

62.5337, 0.3358, 0.3130

Trichromacy



Original Color

62.6635, 0.3982, 0.4304

Protanomaly

62.9847, 0.3968, 0.4317

Deuteranomaly

62.4236, 0.4134, 0.4187

Tritanomaly

62.2760, 0.3602, 0.3556

Monochromacy



Original Color

62.6635, 0.3982, 0.4304

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2721, 0.3441, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6635, 0.3982, 0.4304 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(230, 207, 114)` looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 114)  
}
```

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(230, 207, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 114) }
```

Border

The CSS property to change the border of an element to Yxy 62.6635, 0.3982, 0.4304 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(230, 207, 114) }
```

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

```
.border{ border-color:rgb(230, 207, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 207, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 114);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6635, 0.3982, 0.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 114) }
```

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

```
.background{ background-color: rgb(230,  
207, 114) }
```

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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