

Converting Colors

$Yxy(63.8299, 0.3907, 0.4386)$

Have a look what the booklet for
Yxy(63.8299, 0.3907, 0.4386)
contains.

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Color

Yxy(63.9672, 0.3904, 0.4385)

Conversions

Conversions Part 1

Format	Color
Hex	DFD471
RGB	223, 212, 113
RGB Percent	87%, 83%, 44%
CMY	0.1256, 0.1686, 0.5570
CMYK	0.00, 0.05, 0.49, 0.13
HSL	54°, 63%, 66%
HSV	54°, 49%, 87%
XYZ	56.9505, 63.9672, 24.9596
YIQ	204.0030, 38.3350, -28.4570

Conversions

Conversions Part 2

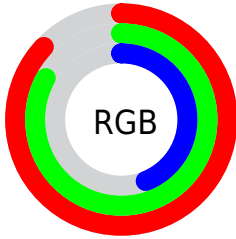
Format	Color
RYB	125, 223, 113
Decimal	14668913
CIELab	83.95, -9.29, 49.92
CIElCh	84, 50.780, 100.540
Yxy	63.9672, 0.3904, 0.4385
Android (android.graphics.Color)	4292858993 (0xFFDFD471)
YUV	204.0030, -44.8645, 16.6604
Hunter-Lab	79.9795, -12.8607, 37.4827

Details

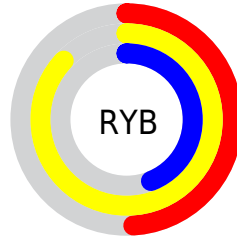
The Yxy color **63.9672, 0.3904, 0.4385** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.2373, 0.2214, 0.1883**, and the grayscale version is **60.6553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5700, 0.3649, 0.4153**, and **32.8976, 0.4059, 0.4637** is the 20% darker color. If you saturate the color by 10%, you get **62.4240, 0.4046, 0.4567**, and if you desaturate by 10%, it is **65.6550, 0.3749, 0.4177**.

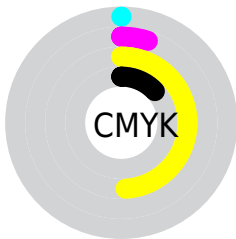
Distribution



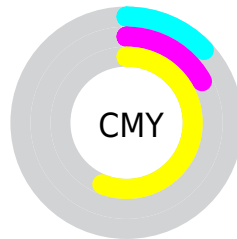
- Red (87%)
- Green (83%)
- Blue (44%)



- Red (49%)
- Yellow (87%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (49%)
- Black (13%)




- Cyan (13%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9672, 0.3904, 0.4385 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 63.9672, 0.3904, 0.4385 by changing the saturation by 10% instead.


 63.9672, 0.3904,
0.4385


 63.9672, 0.3904,
0.4385


439.0712, 0.3558,
0.3874

 46.6241, 0.3975,
0.4498


 110.5637, 0.3789,
0.4210

 32.7386, 0.4057,
0.4634


 140.5859, 0.3743,
0.4141

 21.9263, 0.4151,
0.4797


 175.6032, 0.3702,
0.4081

 13.8027, 0.4254,
0.4995

216.0002, 0.3667,
0.4029

 7.9836, 0.4364,
0.5241

262.1610, 0.3635,
0.3983

 4.0845, 0.4459,
0.5541

314.4702, 0.3606,

 1.7209, 0.4317,

0.3942

0.5683

373.3121, 0.3581,
0.3906

0.4371, 0.3016,
0.6984

0.0000, 0.0000,
0.0000

63.9672, 0.3904,
0.4385

63.9672, 0.3904,
0.4385

62.4240, 0.4046,
0.4567

65.6550, 0.3749,
0.4177

61.0072, 0.4168,
0.4715


67.4869, 0.3588,
0.3954


59.7093, 0.4265,
0.4820


69.4734, 0.3426,
0.3725

58.5177, 0.4335,
0.4881


71.6215, 0.3268,
0.3497

 57.4123, 0.4379,
0.4902


 73.9379, 0.3117,
0.3276

 57.3402, 0.4382,
0.4903

 76.4287, 0.2977,
0.3066

 78.1606, 0.2928,
0.3007

 79.3890, 0.2928,
0.3030

 80.6332, 0.2929,
0.3053

Harmonies

Analogous

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



63.9672, 0.4307, 0.4037



63.9672, 0.3904, 0.4385



63.9672, 0.3315, 0.4430

Triad

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



63.9672, 0.3904, 0.4385



63.9672, 0.2015, 0.2810



63.9672, 0.3481, 0.2670

Complementary

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



63.9672, 0.3904, 0.4385



23.2373, 0.2214, 0.1883

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.



63.9672, 0.2836, 0.2391



63.9672, 0.3904, 0.4385



63.9672, 0.2048, 0.2430

Square

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



63.9672, 0.3904, 0.4385



63.9672, 0.2241, 0.3411



63.9672, 0.2330, 0.2299



63.9672, 0.4073, 0.3084

Rectangle

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



63.9672, 0.3904, 0.4385



63.9672, 0.2901, 0.4224



63.9672, 0.2330, 0.2299



63.9672, 0.3260, 0.2559

Sweetspot

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



63.9702, 0.3904, 0.4385



95.3670, 0.3358, 0.3628



28.9444, 0.4370, 0.3165



20.2820, 0.3392, 0.3676



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.



63.9702, 0.3904, 0.4385



84.5886, 0.4047, 0.4569



63.5394, 0.3504, 0.4643



15.7837, 0.3270, 0.3499



33.8157, 0.4379, 0.4905



2.4124, 0.4347, 0.4931

Inverse Universe

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



23.2373, 0.2214, 0.1883



23.5220, 0.2012, 0.1552



24.2972, 0.2545, 0.1867



13.4621, 0.2981, 0.3072



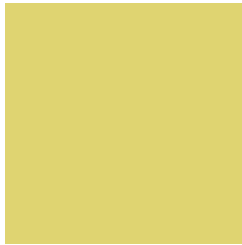
3.5507, 0.1520, 0.0671



0.3220, 0.1569, 0.0849

Previews

White Background



This preview shows how the Yxy color 63.9672, 0.3904, 0.4385 looks on a white background.

Color Contrast Check

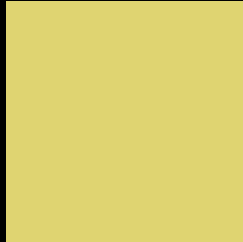
Large Text (above 18pt) WCAG AA × Fail

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 63.9672, 0.3904, 0.4385 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 63.9672, 0.3904, 0.4385

Background



This preview shows how black text looks on a background with the Yxy color 63.9672, 0.3904, 0.4385.



This preview shows how white text looks on a background with the Yxy color 63.9672, 0.3904, 0.4385.

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

63.9672, 0.3904, 0.4385

Protanopia

63.7597, 0.3992, 0.4338

Deuteranopia

63.8766, 0.4202, 0.4119



Tritanopia

63.5901, 0.3268, 0.3118

Trichromacy



Original Color

63.9672, 0.3904, 0.4385

Protanomaly

63.7570, 0.3962, 0.4358

Deuteranomaly

63.5014, 0.4094, 0.4213

Tritanomaly

63.0984, 0.3511, 0.3571

Monochromacy



Original Color

63.9672, 0.3904, 0.4385

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.4148, 0.3419, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9672, 0.3904, 0.4385 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(223, 212, 113)` looks like.

```
.text, #text, p{  
    color:rgb(223, 212, 113)  
}
```

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(223, 212, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 212, 113) }
```

Border

The CSS property to change the border of an element to Yxy 63.9672, 0.3904, 0.4385 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(223, 212, 113) }
```

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

```
.border{ border-color:rgb(223, 212, 113) }
```

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

Here you see how a box with a 4 pixel rgb(223, 212, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 212, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 212, 113);  
box-shadow:4px 4px 4px 4px rgb(223, 212,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9672, 0.3904, 0.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 212, 113) }
```

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

```
.background{ background-color: rgb(223,  
212, 113) }
```

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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