

Converting Colors

Yxy(62.1629, 0.3885, 0.4449)

Have a look what the booklet for
Yxy(62.1629, 0.3885, 0.4449)
contains.

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Color

Yxy(62.2702, 0.3882, 0.4450)

Conversions

Conversions Part 1

Format	Color
Hex	D8D36C
RGB	216, 211, 108
RGB Percent	85%, 83%, 42%
CMY	0.1529, 0.1725, 0.5765
CMYK	0.00, 0.02, 0.50, 0.15
HSL	57°, 58%, 64%
HSV	57°, 50%, 85%
XYZ	54.3220, 62.2702, 23.3408
YIQ	200.7530, 36.0430, -30.9730

Conversions

Conversions Part 2

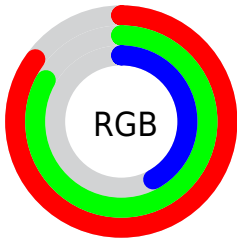
Format	Color
RYB	113, 216, 108
Decimal	14209900
CIELab	83.06, -12.03, 51.09
CIELCh	83, 52.489, 103.252
Yxy	62.2702, 0.3882, 0.4450
Android (android.graphics.Color)	4292399980 (0xFFD8D36C)
YUV	200.7530, -45.7272, 13.3716
Hunter-Lab	78.9115, -15.2171, 37.7009

Details

The Yxy color **62.2702, 0.3882, 0.4450** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.9566, 0.2187, 0.1782**, and the grayscale version is **58.5214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3886, 0.3678, 0.4200**, and **31.7704, 0.4023, 0.4722** is the 20% darker color. If you saturate the color by 10%, you get **61.3726, 0.4009, 0.4636**, and if you desaturate by 10%, it is **63.2905, 0.3739, 0.4236**.

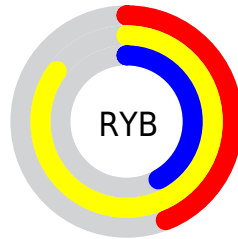
Distribution



Red (85%)

Green (83%)

Blue (42%)



Red (44%)

Yellow (85%)

Blue (42%)

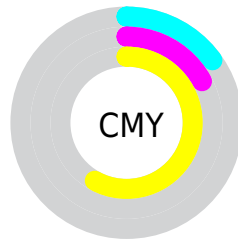


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (15%)



Cyan (15%)


Magenta (17%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2702, 0.3882, 0.4450 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 62.2702, 0.3882, 0.4450 by changing the saturation by 10% instead.


 62.2702, 0.3882,
0.4450


 62.2702, 0.3882,
0.4450

432.9160, 0.3548,
0.3903


 45.2511, 0.3949,
0.4572


 108.1159, 0.3772,
0.4262


 31.6552, 0.4026,
0.4718


 137.7114, 0.3728,
0.4188

 21.0983, 0.4112,
0.4896


 172.2676, 0.3688,
0.4124

 13.1959, 0.4201,
0.5111

 212.1692, 0.3654,
0.4068

 7.5636, 0.4305,
0.5400

257.8004, 0.3623,
0.4019

 3.8170, 0.4321,
0.5679

309.5457, 0.3595,

 1.5717, 0.4125,

0.3976

367.7894, 0.3570,
0.3938

0.5875

0.3384, 0.0762,
0.9238

0.0000, 0.0000,
0.0000

62.2702, 0.3882,
0.4450

62.2702, 0.3882,
0.4450

61.3726, 0.4009,
0.4636

63.2905, 0.3739,
0.4236

60.5806, 0.4114,
0.4786

64.4327, 0.3587,
0.4004

59.8873, 0.4194,
0.4894


65.7067, 0.3431,
0.3764

59.2810, 0.4247,
0.4958

67.1189, 0.3277,
0.3524


 58.7412, 0.4277,
0.4986

 68.6754, 0.3127,
0.3290

 70.3820, 0.2986,
0.3067

 71.9704, 0.2879,
0.2900

 72.4914, 0.2880,
0.2911

 73.0157, 0.2880,
0.2922

Harmonies

Analogous

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



62.2702, 0.4328, 0.4102



62.2702, 0.3882, 0.4450



62.2702, 0.3260, 0.4466

Triad

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



62.2702, 0.3882, 0.4450



62.2702, 0.1966, 0.2740



62.2702, 0.3557, 0.2680

Complementary

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



62.2702, 0.3882, 0.4450



19.9566, 0.2187, 0.1782

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.



62.2702, 0.2879, 0.2377



62.2702, 0.3882, 0.4450



62.2702, 0.2024, 0.2373

Square

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



62.2702, 0.3882, 0.4450



62.2702, 0.2173, 0.3351



62.2702, 0.2337, 0.2262



62.2702, 0.4158, 0.3117

Rectangle

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



62.2702, 0.3882, 0.4450



62.2702, 0.2833, 0.4224



62.2702, 0.2337, 0.2262



62.2702, 0.3327, 0.2561

Sweetspot

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



62.2731, 0.3882, 0.4450



96.6504, 0.3356, 0.3647



26.5254, 0.4466, 0.3229



20.5947, 0.3389, 0.3698



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.



62.2731, 0.3882, 0.4450



89.2965, 0.4015, 0.4646



58.4593, 0.3465, 0.4679



14.4166, 0.3268, 0.3510



34.8101, 0.4276, 0.4987



2.1307, 0.4260, 0.4999

Inverse Universe

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



19.9566, 0.2187, 0.1782



21.0021, 0.1971, 0.1427



22.8101, 0.2587, 0.1868



12.1001, 0.2981, 0.3060



3.1065, 0.1509, 0.0632



0.2206, 0.1536, 0.0730

Previews

White Background



This preview shows how the Yxy color 62.2702, 0.3882, 0.4450 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 62.2702, 0.3882, 0.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

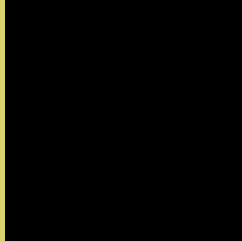
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2702, 0.3882, 0.4450

Background



This preview shows how black text looks on a background with the Yxy color 62.2702, 0.3882, 0.4450.



This preview shows how white text looks on a background with the Yxy color 62.2702, 0.3882, 0.4450.

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

62.2702, 0.3882, 0.4450

Protanopia

62.1812, 0.4010, 0.4377

Deuteranopia

61.9628, 0.4252, 0.4160



Tritanopia

62.0840, 0.3229, 0.3115

Trichromacy



Original Color

62.2702, 0.3882, 0.4450

Protanomaly

62.0206, 0.3971, 0.4402

Deuteranomaly

61.8921, 0.4120, 0.4259

Tritanomaly

61.5344, 0.3487, 0.3599

Monochromacy



Original Color

62.2702, 0.3882, 0.4450

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5745, 0.3412, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2702, 0.3882, 0.4450 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(216, 211, 108)` looks like.

```
.text, #text, p{  
    color:rgb(216, 211, 108)  
}
```

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(216, 211, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 211, 108) }
```

Border

The CSS property to change the border of an element to Yxy 62.2702, 0.3882, 0.4450 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(216, 211, 108) }
```

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

```
.border{ border-color:rgb(216, 211, 108) }
```

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

Here you see how a box with a 4 pixel rgb(216, 211, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 211, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 211, 108);  
box-shadow:4px 4px 4px 4px rgb(216, 211,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2702, 0.3882, 0.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 211, 108) }
```

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

```
.background{ background-color: rgb(216,  
211, 108) }
```

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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