

Converting Colors

$Yxy(57.8409, 0.3955, 0.4480)$

Have a look what the booklet for
Yxy(57.8409, 0.3955, 0.4480)
contains.

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Color

Yxy(57.7589, 0.3955, 0.4475)

Conversions

Conversions Part 1

Format	Color
Hex	D5CB63
RGB	213, 203, 99
RGB Percent	84%, 80%, 39%
CMY	0.1647, 0.2039, 0.6117
CMYK	0.00, 0.05, 0.54, 0.16
HSL	55°, 58%, 61%
HSV	55°, 54%, 84%
XYZ	51.0473, 57.7589, 20.2640
YIQ	194.1340, 39.3440, -30.2240

Conversions

Conversions Part 2

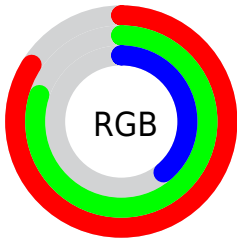
Format	Color
RYB	110, 213, 99
Decimal	14011235
CIELab	80.60, -9.97, 52.37
CIELCh	81, 53.313, 100.782
Yxy	57.7589, 0.3955, 0.4475
Android (android.graphics.Color)	4292201315 (0xFFD5CB63)
YUV	194.1340, -46.9011, 16.5455
Hunter-Lab	75.9993, -13.1037, 37.3907

Details

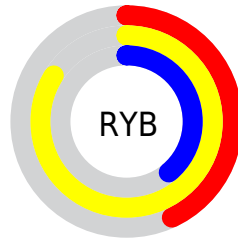
The Yxy color **57.7589, 0.3955, 0.4475** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.3927, 0.2128, 0.1730**, and the grayscale version is **54.2992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0470, 0.3734, 0.4293**, and **28.7680, 0.4116, 0.4742** is the 20% darker color. If you saturate the color by 10%, you get **56.5305, 0.4086, 0.4645**, and if you desaturate by 10%, it is **59.1107, 0.3808, 0.4275**.

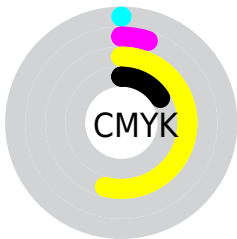
Distribution



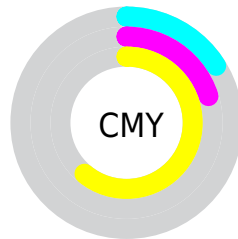
- Red (84%)
- Green (80%)
- Blue (39%)



- Red (43%)
- Yellow (84%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (54%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7589, 0.3955, 0.4475 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 57.7589, 0.3955, 0.4475 by changing the saturation by 10% instead.


 57.7589, 0.3955,
0.4475

 57.7589, 0.3955,
0.4475


416.2869, 0.3584,
0.3915

 41.6148, 0.4030,
0.4599


 101.5717, 0.3832,
0.4282


 28.7998, 0.4116,
0.4748


 130.0092, 0.3783,
0.4206

 18.9294, 0.4211,
0.4926


 163.3133, 0.3739,
0.4141

 11.6193, 0.4307,
0.5136

 201.8685, 0.3701,
0.4084

 6.4850, 0.4482,
0.5494

246.0590, 0.3666,
0.4034

 3.1422, 0.4386,
0.5614

296.2693, 0.3636,

 1.2064, 0.4198,

0.3989

0.5802

352.8838, 0.3609,
0.3950

0.0669, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7589, 0.3955,
0.4475

57.7589, 0.3955,
0.4475

56.5305, 0.4086,
0.4645

59.1107, 0.3808,
0.4275

55.4088, 0.4195,
0.4777


60.5856, 0.3651,
0.4056


54.3864, 0.4277,
0.4866

62.1932, 0.3491,
0.3826

53.4512, 0.4332,
0.4911

63.9402, 0.3332,
0.3594

 52.8780, 0.4357,
0.4922

 65.8324, 0.3179,
0.3368

 67.8756, 0.3034,
0.3151

 70.0750, 0.2900,
0.2946

 71.4731, 0.2859,
0.2897

 72.4458, 0.2860,
0.2917

Harmonies

Analogous

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



57.7589, 0.4399, 0.4089



57.7589, 0.3955, 0.4475



57.7589, 0.3317, 0.4535

Triad

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



57.7589, 0.3955, 0.4475



57.7589, 0.1931, 0.2759



57.7589, 0.3514, 0.2625

Complementary

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



57.7589, 0.3955, 0.4475



18.3927, 0.2128, 0.1730

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.



57.7589, 0.2814, 0.2327



57.7589, 0.3955, 0.4475



57.7589, 0.1970, 0.2359

Square

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



57.7589, 0.3955, 0.4475



57.7589, 0.2166, 0.3411



57.7589, 0.2271, 0.2226



57.7589, 0.4159, 0.3067

Rectangle

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



57.7589, 0.3955, 0.4475



57.7589, 0.2871, 0.4310



57.7589, 0.2271, 0.2226



57.7589, 0.3274, 0.2507

Sweetspot

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



57.7616, 0.3955, 0.4475



95.3862, 0.3374, 0.3655



24.2050, 0.4532, 0.3158



20.2985, 0.3407, 0.3704



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.



57.7616, 0.3955, 0.4475



84.7652, 0.4099, 0.4662



56.7445, 0.3524, 0.4754



14.3252, 0.3269, 0.3501



32.3794, 0.4354, 0.4925



2.0088, 0.4323, 0.4949

Inverse Universe

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



18.3927, 0.2128, 0.1730



19.8127, 0.1912, 0.1372



19.7128, 0.2483, 0.1744



12.1818, 0.2981, 0.3070



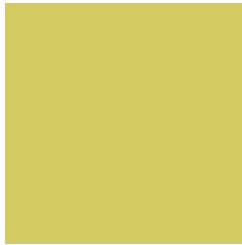
3.2752, 0.1517, 0.0662



0.2594, 0.1567, 0.0840

Previews

White Background



This preview shows how the Yxy color 57.7589, 0.3955, 0.4475 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 57.7589, 0.3955, 0.4475 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 57.7589, 0.3955, 0.4475

Background



This preview shows how black text looks on a background with the Yxy color 57.7589, 0.3955, 0.4475.



This preview shows how white text looks on a background with the Yxy color 57.7589, 0.3955, 0.4475.

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

57.7589, 0.3955, 0.4475

Protanopia

57.5625, 0.4048, 0.4423

Deuteranopia

57.8137, 0.4294, 0.4206



Tritanopia

57.5651, 0.3282, 0.3122

Trichromacy



Original Color

57.7589, 0.3955, 0.4475

Protanomaly

57.5606, 0.4016, 0.4445

Deuteranomaly

57.4622, 0.4173, 0.4297

Tritanomaly

57.0359, 0.3552, 0.3618

Monochromacy



Original Color

57.7589, 0.3955, 0.4475

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8532, 0.3448, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7589, 0.3955, 0.4475 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(213, 203, 99)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 99)  
}
```

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(213, 203, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 99) }
```

Border

The CSS property to change the border of an element to Yxy 57.7589, 0.3955, 0.4475 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(213, 203, 99) }
```

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

```
.border{ border-color:rgb(213, 203, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 203, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 99);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7589, 0.3955, 0.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 99) }
```

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

```
.background{ background-color: rgb(213,  
203, 99) }
```

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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