

Converting Colors

Yxy(57.9398, 0.3555, 0.3696)

Have a look what the booklet for
Yxy(57.9398, 0.3555, 0.3696)
contains.

Yxy(57.9379, 0.3559, 0.3701)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9379, 0.3559, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	DAC6A3
RGB	218, 198, 163
RGB Percent	85%, 78%, 64%
CMY	0.1451, 0.2235, 0.3608
CMYK	0.00, 0.09, 0.25, 0.15
HSL	38°, 43%, 75%
HSV	38°, 25%, 85%
XYZ	55.7149, 57.9379, 42.8938
YIQ	199.9900, 23.1550, -6.6450

Conversions

Conversions Part 2

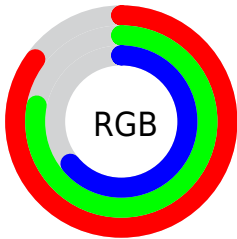
Format	Color
RYB	194, 218, 163
Decimal	14337699
CIELab	80.70, 1.63, 20.12
CIELCh	81, 20.183, 85.381
Yxy	57.9379, 0.3559, 0.3701
Android (android.graphics.Color)	4292527779 (0xFFDAC6A3)
YUV	199.9900, -18.2361, 15.7948
Hunter-Lab	76.1169, -2.5489, 19.8705

Details

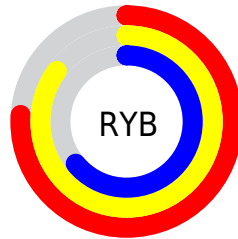
The Yxy color **57.9379, 0.3559, 0.3701** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7025, 0.2719, 0.2841**, and the grayscale version is **57.8564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **28.7756, 0.3667, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **53.6990, 0.3760, 0.3870**, and if you desaturate by 10%, it is **62.5060, 0.3375, 0.3533**.

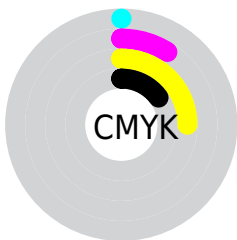
Distribution



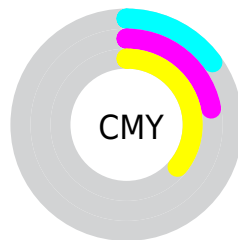
- Red (85%)
- Green (78%)
- Blue (64%)



- Red (76%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (15%)




- Cyan (15%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9379, 0.3559, 0.3701 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 57.9379, 0.3559, 0.3701 by changing the saturation by 10% instead.


 57.9379, 0.3559,
0.3701


 57.9379, 0.3559,
0.3701


416.9545, 0.3351,
0.3505

 41.7587, 0.3608,
0.3747


 101.8324, 0.3485,
0.3632

 28.9124, 0.3670,
0.3805


 130.3166, 0.3457,
0.3605

 19.0146, 0.3749,
0.3879


163.6711, 0.3433,
0.3582

 11.6808, 0.3855,
0.3976

202.2806, 0.3412,
0.3563

 6.5267, 0.4001,
0.4110

246.5292, 0.3394,
0.3545

 3.1679, 0.4214,
0.4300

296.8015, 0.3378,

 1.2200, 0.4978,

0.3530

353.4818, 0.3364,
0.3517

0.5022

0.0780, 0.5934,
0.4066

0.0000, 0.0000,
0.0000

57.9379, 0.3559,
0.3701

57.9379, 0.3559,
0.3701

53.6990, 0.3760,
0.3870

62.5060, 0.3375,
0.3533

49.7717, 0.3973,
0.4033

67.4046, 0.3208,
0.3371

46.1482, 0.4194,
0.4182

72.6452, 0.3058,
0.3218

42.8171, 0.4414,
0.4304

78.2360, 0.2924,
0.3075

39.7660, 0.4622,
0.4389

83.0421, 0.2899,
0.3110

36.9809, 0.4807,
0.4427

87.7449, 0.2902,
0.3192

34.4452, 0.4960,
0.4412

92.6529, 0.2905,
0.3274

33.3109, 0.5025,
0.4392

93.6434, 0.2906,
0.3289

Harmonies

Analogous

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



57.9379, 0.3649, 0.3539



57.9379, 0.3559, 0.3701



57.9379, 0.3353, 0.3757

Triad

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



57.9379, 0.3559, 0.3701



57.9379, 0.2682, 0.3228



57.9379, 0.3145, 0.2943

Complementary

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



57.9379, 0.3559, 0.3701



46.7025, 0.2719, 0.2841

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.



57.9379, 0.2890, 0.2859



57.9379, 0.3559, 0.3701



57.9379, 0.2632, 0.3010

Square

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



57.9379, 0.3559, 0.3701



57.9379, 0.2848, 0.3476



57.9379, 0.2706, 0.2880



57.9379, 0.3405, 0.3110

Rectangle

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



57.9379, 0.3559, 0.3701



57.9379, 0.3181, 0.3718



57.9379, 0.2706, 0.2880



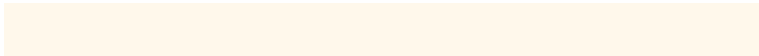
57.9379, 0.3056, 0.2904

Sweetspot

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



57.9405, 0.3559, 0.3701



94.1177, 0.3253, 0.3417



44.5215, 0.3466, 0.3051



19.9159, 0.3278, 0.3441



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.



57.9405, 0.3559, 0.3701



79.5478, 0.3658, 0.3786



66.5782, 0.3449, 0.3929



14.4270, 0.3276, 0.3439



20.1704, 0.5010, 0.4404



1.4684, 0.4842, 0.4537

Inverse Universe

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



46.7025, 0.2719, 0.2841



61.0265, 0.2631, 0.2737



39.8364, 0.2753, 0.2587



13.3877, 0.2981, 0.3137



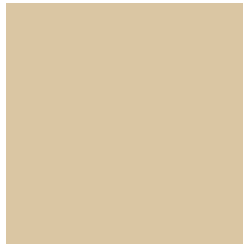
6.5865, 0.1658, 0.1167



0.5873, 0.1749, 0.1496

Previews

White Background



This preview shows how the Yxy color 57.9379, 0.3559, 0.3701 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 57.9379, 0.3559, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

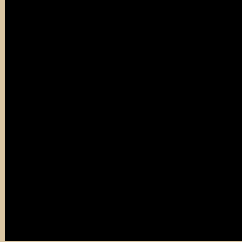
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9379, 0.3559, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 57.9379, 0.3559, 0.3701.



This preview shows how white text looks on a background with the Yxy color 57.9379, 0.3559, 0.3701.

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

57.9379, 0.3559, 0.3701

Protanopia

57.9859, 0.3495, 0.3719

Deuteranopia

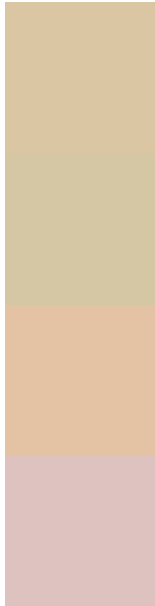
57.9761, 0.3685, 0.3618



Tritanopia

57.8922, 0.3265, 0.3122

Trichromacy



Original Color

57.9379, 0.3559, 0.3701

Protanomaly

57.8233, 0.3515, 0.3705

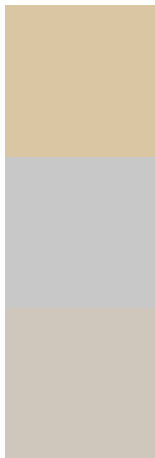
Deuteranomaly

58.0414, 0.3636, 0.3646

Tritanomaly

57.7173, 0.3371, 0.3325

Monochromacy



Original Color

57.9379, 0.3559, 0.3701

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7001, 0.3280, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9379, 0.3559, 0.3701 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(218, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 163)  
}
```

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(218, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 163) }
```

Border

The CSS property to change the border of an element to Yxy 57.9379, 0.3559, 0.3701 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(218, 198, 163) }
```

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

```
.border{ border-color:rgb(218, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9379, 0.3559, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 163) }
```

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

```
.background{ background-color: rgb(218,  
198, 163) }
```

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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