

Converting Colors

$Yxy(58.2356, 0.3956, 0.4317)$

Have a look what the booklet for
Yxy(58.2356, 0.3956, 0.4317)
contains.

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Color

Yxy(58.1147, 0.3957, 0.4321)

Conversions

Conversions Part 1

Format	Color
Hex	DCC96E
RGB	220, 201, 110
RGB Percent	86%, 79%, 43%
CMY	0.1372, 0.2118, 0.5687
CMYK	0.00, 0.09, 0.50, 0.14
HSL	50°, 61%, 65%
HSV	50°, 50%, 86%
XYZ	53.2191, 58.1147, 23.1598
YIQ	196.3070, 40.5350, -24.2730

Conversions

Conversions Part 2

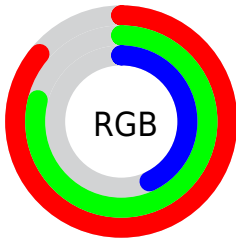
Format	Color
RYB	133, 220, 110
Decimal	14469486
CIELab	80.80, -5.14, 47.51
CIELCh	81, 47.792, 96.177
Yxy	58.1147, 0.3957, 0.4321
Android (android.graphics.Color)	4292659566 (0xFFDCC96E)
YUV	196.3070, -42.5494, 20.7788
Hunter-Lab	76.2330, -8.7948, 35.3506

Details

The Yxy color **58.1147, 0.3957, 0.4321** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.1831, 0.2223, 0.1977**, and the grayscale version is **55.6399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **28.9697, 0.4137, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **55.9454, 0.4118, 0.4491**, and if you desaturate by 10%, it is **60.4523, 0.3786, 0.4127**.

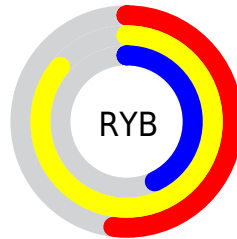
Distribution



Red (86%)

Green (79%)

Blue (43%)



Red (52%)

Yellow (86%)

Blue (43%)

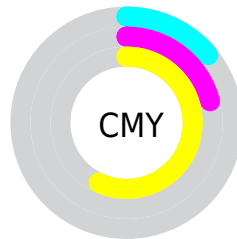


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (14%)



Cyan (14%)


Magenta (21%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1147, 0.3957, 0.4321 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 58.1147, 0.3957, 0.4321 by changing the saturation by 10% instead.


 58.1147, 0.3957,
0.4321


 58.1147, 0.3957,
0.4321


417.6132, 0.3577,
0.3836

 41.9009, 0.4038,
0.4429


 102.0899, 0.3829,
0.4154

 29.0237, 0.4134,
0.4558


 130.6200, 0.3777,
0.4088

 19.0987, 0.4245,
0.4714


 164.0243, 0.3733,
0.4032

 11.7416, 0.4371,
0.4901

 202.6873, 0.3694,
0.3982

 6.5680, 0.4536,
0.5157

246.9933, 0.3659,
0.3939

 3.1934, 0.4627,
0.5373

297.3267, 0.3629,

 1.2335, 0.4533,

0.3901

0.5467

354.0718, 0.3601,
0.3867

■ 0.0888, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1147, 0.3957,
0.4321

■ 58.1147, 0.3957,
0.4321

■ 55.9454, 0.4118,
0.4491

■ 60.4523, 0.3786,
0.4127

■ 53.9269, 0.4262,
0.4628


■ 62.9583, 0.3613,
0.3918

■ 52.0514, 0.4382,
0.4722


■ 65.6433, 0.3443,
0.3705


■ 50.3065, 0.4473,
0.4770

■ 68.5141, 0.3280,
0.3494


 48.6716, 0.4540,
0.4778

 71.5776, 0.3127,
0.3290

 74.8399, 0.2986,
0.3097

 77.7137, 0.2909,
0.3006

 79.8241, 0.2910,
0.3046

 81.9808, 0.2911,
0.3086

Harmonies

Analogous

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



58.1147, 0.4309, 0.3958



58.1147, 0.3957, 0.4321



58.1147, 0.3401, 0.4414

Triad

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



58.1147, 0.3957, 0.4321



58.1147, 0.2059, 0.2899



58.1147, 0.3378, 0.2636

Complementary

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



58.1147, 0.3957, 0.4321



24.1831, 0.2223, 0.1977

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.



58.1147, 0.2761, 0.2388



58.1147, 0.3957, 0.4321



58.1147, 0.2055, 0.2492

Square

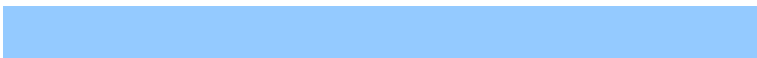
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.1147, 0.3957, 0.4321



58.1147, 0.2317, 0.3504



58.1147, 0.2296, 0.2328



58.1147, 0.3975, 0.3026

Rectangle

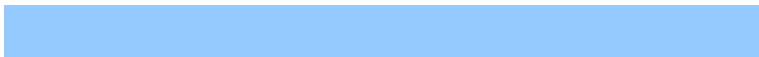
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1147, 0.3957, 0.4321



58.1147, 0.2995, 0.4254



58.1147, 0.2296, 0.2328



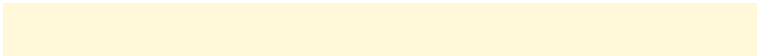
58.1147, 0.3164, 0.2535

Sweetspot

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



58.1174, 0.3957, 0.4321



93.6316, 0.3362, 0.3601



27.9831, 0.4271, 0.3054



19.8600, 0.3397, 0.3646



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.



58.1174, 0.3957, 0.4321



78.0148, 0.4125, 0.4499



62.6557, 0.3579, 0.4627



14.8610, 0.3271, 0.3482



28.7056, 0.4533, 0.4782



1.9627, 0.4468, 0.4834

Inverse Universe

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



24.1831, 0.2223, 0.1977



25.5982, 0.2022, 0.1654



22.3215, 0.2452, 0.1816



12.9791, 0.2981, 0.3091



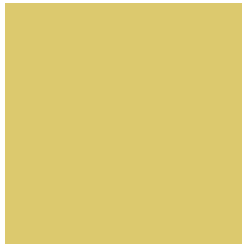
3.9594, 0.1545, 0.0760



0.3687, 0.1621, 0.1035

Previews

White Background



This preview shows how the Yxy color 58.1147, 0.3957, 0.4321 looks on a white background.

Color Contrast Check

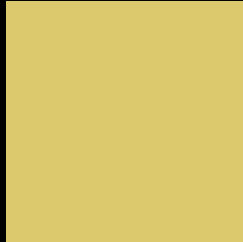
Large Text (above 18pt) WCAG AA × Fail

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 58.1147, 0.3957, 0.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

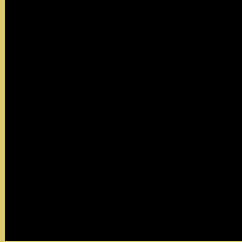
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1147, 0.3957, 0.4321

Background



This preview shows how black text looks on a background with the Yxy color 58.1147, 0.3957, 0.4321.



This preview shows how white text looks on a background with the Yxy color 58.1147, 0.3957, 0.4321.

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

58.1147, 0.3957, 0.4321

Protanopia

58.2712, 0.3965, 0.4317

Deuteranopia

57.8439, 0.4216, 0.4119



Tritanopia

57.8927, 0.3332, 0.3124

Trichromacy



Original Color

58.1147, 0.3957, 0.4321

Protanomaly

58.2712, 0.3965, 0.4317

Deuteranomaly

58.0108, 0.4122, 0.4197

Tritanomaly

57.6546, 0.3582, 0.3566

Monochromacy



Original Color

58.1147, 0.3957, 0.4321

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0839, 0.3434, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1147, 0.3957, 0.4321 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(220, 201, 110)` looks like.

```
.text, #text, p{  
    color:rgb(220, 201, 110)  
}
```

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(220, 201, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 201, 110) }
```

Border

The CSS property to change the border of an element to Yxy 58.1147, 0.3957, 0.4321 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(220, 201, 110) }
```

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

```
.border{ border-color:rgb(220, 201, 110) }
```

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

Here you see how a box with a 4 pixel rgb(220, 201, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 201, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 201, 110);  
box-shadow:4px 4px 4px 4px rgb(220, 201,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1147, 0.3957, 0.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 201, 110) }
```

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

```
.background{ background-color: rgb(220,  
201, 110) }
```

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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