

Converting Colors

Yxy(58.1781, 0.3596, 0.3984)

Have a look what the booklet for
Yxy(58.1781, 0.3596, 0.3984)
contains.

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Color

Yxy(58.1661, 0.3597, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	D0CB91
RGB	208, 203, 145
RGB Percent	82%, 80%, 57%
CMY	0.1844, 0.2039, 0.4314
CMYK	0.00, 0.02, 0.30, 0.18
HSL	55°, 40%, 69%
HSV	55°, 30%, 82%
XYZ	52.4764, 58.1661, 35.2469
YIQ	197.8830, 21.5980, -16.9780

Conversions

Conversions Part 2

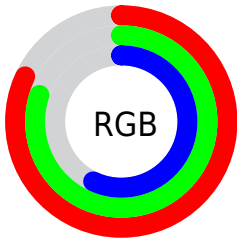
Format	Color
R_{YB}	150, 208, 145
Decimal	13683601
CIE _{Lab}	80.83, -7.19, 29.62
CIE _{LCh}	81, 30.485, 103.644
Yxy	58.1661, 0.3597, 0.3987
Android (android.graphics.Color)	4291873681 (0xFFD0CB91)
YUV	197.8830, -26.0713, 8.8726
Hunter-Lab	76.2667, -10.6472, 25.9856

Details

The Yxy color **58.1661, 0.3597, 0.3987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3776, 0.2603, 0.2482**, and the grayscale version is **56.5489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **29.0753, 0.3710, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **56.8122, 0.3754, 0.4212**, and if you desaturate by 10%, it is **59.6509, 0.3438, 0.3754**.

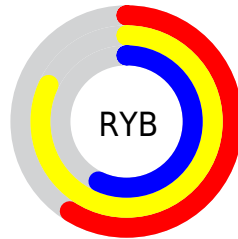
Distribution



Red (82%)

Green (80%)

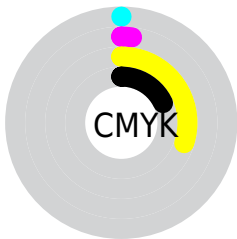
Blue (57%)



Red (59%)

Yellow (82%)

Blue (57%)

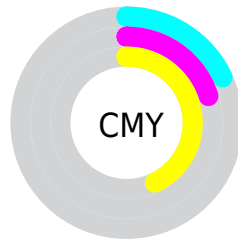


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (20%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1661, 0.3597, 0.3987 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 58.1661, 0.3597, 0.3987 by changing the saturation by 10% instead.

 58.1661, 0.3597,
0.3987

 58.1661, 0.3597,
0.3987


417.8046, 0.3376,
0.3649

 41.9422, 0.3647,
0.4067


 102.1647, 0.3520,
0.3867

 29.0560, 0.3709,
0.4168


 130.7082, 0.3490,
0.3821

 19.1232, 0.3785,
0.4297


164.1270, 0.3465,
0.3782

 11.7593, 0.3882,
0.4466

202.8055, 0.3442,
0.3748

 6.5800, 0.4005,
0.4698

247.1281, 0.3423,
0.3719

 3.2009, 0.4210,
0.5090

297.4792, 0.3405,

 1.2375, 0.4394,

0.3693

0.5606

354.2433, 0.3390,
0.3670

0.0920, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1661, 0.3597,
0.3987

58.1661, 0.3597,
0.3987

56.8122, 0.3754,
0.4212

59.6509, 0.3438,
0.3754

55.5750, 0.3903,
0.4421

61.2647, 0.3281,
0.3522

54.4500, 0.4037,
0.4602

63.0157, 0.3131,
0.3296

53.4293, 0.4151,
0.4748

64.9092, 0.2990,
0.3082

■ 52.5040, 0.4240,
0.4853

■ 66.9500, 0.2859,
0.2880

■ 51.6634, 0.4302,
0.4913

■ 68.1534, 0.2824,
0.2838

■ 50.9092, 0.4340,
0.4936

■ 68.9840, 0.2825,
0.2856

■ 69.8231, 0.2826,
0.2874

■ 70.6706, 0.2827,
0.2892

Harmonies

Analogous

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



58.1661, 0.3854, 0.3815



58.1661, 0.3597, 0.3987



58.1661, 0.3222, 0.3959

Triad

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



58.1661, 0.3597, 0.3987



58.1661, 0.2402, 0.2974



58.1661, 0.3395, 0.2915

Complementary

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



58.1661, 0.3597, 0.3987



32.3776, 0.2603, 0.2482

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.



58.1661, 0.2992, 0.2716



58.1661, 0.3597, 0.3987



58.1661, 0.2440, 0.2732

Square

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



58.1661, 0.3597, 0.3987



58.1661, 0.2542, 0.3336



58.1661, 0.2648, 0.2647



58.1661, 0.3740, 0.3203

Rectangle

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



58.1661, 0.3597, 0.3987



58.1661, 0.2960, 0.3816



58.1661, 0.2648, 0.2647



58.1661, 0.3261, 0.2837

Sweetspot

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



58.1687, 0.3597, 0.3987



97.4570, 0.3263, 0.3495



35.8676, 0.3746, 0.3225



20.7755, 0.3286, 0.3529



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.



58.1687, 0.3597, 0.3987



90.8887, 0.3694, 0.4127



57.0641, 0.3367, 0.4097



13.6310, 0.3268, 0.3502



31.7993, 0.4338, 0.4938



1.8265, 0.4308, 0.4961

Inverse Universe

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



32.3776, 0.2603, 0.2482



43.9486, 0.2480, 0.2287



33.4882, 0.2821, 0.2463



11.5657, 0.2982, 0.3069



3.1340, 0.1516, 0.0656



0.2287, 0.1564, 0.0828

Previews

White Background



This preview shows how the Yxy color 58.1661, 0.3597, 0.3987 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 58.1661, 0.3597, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

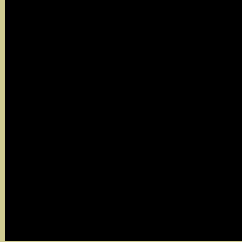
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1661, 0.3597, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 58.1661, 0.3597, 0.3987.



This preview shows how white text looks on a background with the Yxy color 58.1661, 0.3597, 0.3987.

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

58.1661, 0.3597, 0.3987

Protanopia

57.9211, 0.3683, 0.3950

Deuteranopia

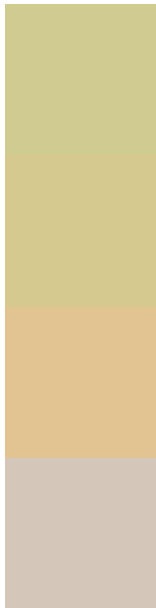
57.8104, 0.3871, 0.3791



Tritanopia

58.2823, 0.3183, 0.3119

Trichromacy



Original Color

58.1661, 0.3597, 0.3987

Protanomaly

57.9330, 0.3654, 0.3967

Deuteranomaly

57.7239, 0.3768, 0.3864

Tritanomaly

58.0795, 0.3338, 0.3431

Monochromacy



Original Color

58.1661, 0.3597, 0.3987

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.1198, 0.3298, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1661, 0.3597, 0.3987 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(208, 203, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 145)  
}
```

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(208, 203, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 145) }
```

Border

The CSS property to change the border of an element to Yxy 58.1661, 0.3597, 0.3987 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(208, 203, 145) }
```

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

```
.border{ border-color:rgb(208, 203, 145) }
```

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

Here you see how a box with a 4 pixel rgb(208, 203, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1661, 0.3597, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 145) }
```

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

```
.background{ background-color: rgb(208,  
203, 145) }
```

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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