

Converting Colors

Yxy(61.3324, 0.3577, 0.3894)

Have a look what the booklet for
Yxy(61.3324, 0.3577, 0.3894)
contains.

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Color

Yxy(61.5911, 0.3578, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	D8CF9B
RGB	216, 207, 155
RGB Percent	85%, 81%, 61%
CMY	0.1529, 0.1882, 0.3922
CMYK	0.00, 0.04, 0.28, 0.15
HSL	51°, 44%, 73%
HSV	51°, 28%, 85%
XYZ	56.5494, 61.5911, 39.9070
YIQ	203.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

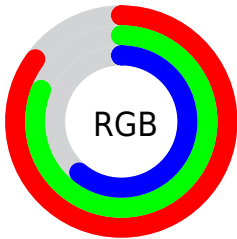
Format	Color
R _{YB}	166, 216, 155
Decimal	14208923
CIE Lab	82.70, -4.88, 27.04
CIE LCh	83, 27.473, 100.229
Yxy	61.5911, 0.3578, 0.3897
Android (android.graphics.Color)	4292399003 (0xFFD8CF9B)
YUV	203.7630, -24.0402, 10.7318
Hunter-Lab	78.4800, -8.7204, 24.7871

Details

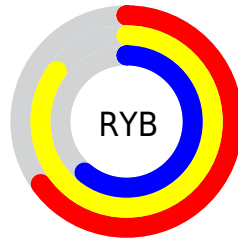
The Yxy color **61.5911, 0.3578, 0.3897** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4713, 0.2648, 0.2600**, and the grayscale version is **60.3716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **31.2353, 0.3683, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **59.4022, 0.3747, 0.4112**, and if you desaturate by 10%, it is **63.9466, 0.3412, 0.3678**.

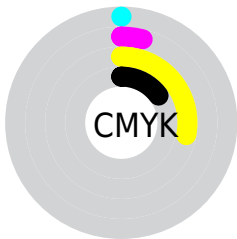
Distribution



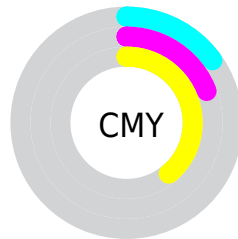
- Red (85%)
- Green (81%)
- Blue (61%)



- Red (65%)
- Yellow (85%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (15%)





- Cyan (15%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5911, 0.3578, 0.3897 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 61.5911, 0.3578, 0.3897 by changing the saturation by 10% instead.


 61.5911, 0.3578,
0.3897

 61.5911, 0.3578,
0.3897


430.4380, 0.3367,
0.3606

 44.7024, 0.3626,
0.3965


 107.1343, 0.3504,
0.3795

 31.2231, 0.3686,
0.4050


 136.5576, 0.3476,
0.3755

 20.7688, 0.3760,
0.4159


170.9279, 0.3451,
0.3721

 12.9551, 0.3856,
0.4301

210.6296, 0.3430,
0.3692

 7.3976, 0.3981,
0.4494

256.0471, 0.3411,
0.3667

 3.7120, 0.4146,
0.4768

307.5647, 0.3395,

 1.5138, 0.4572,

0.3644

0.5428

365.5669, 0.3380,
0.3624

0.2984, 0.3554,
0.6446

0.0000, 0.0000,
0.0000

61.5911, 0.3578,
0.3897

61.5911, 0.3578,
0.3897

59.4022, 0.3747,
0.4112

63.9466, 0.3412,
0.3678

57.3645, 0.3913,
0.4313

66.4669, 0.3252,
0.3462

55.4729, 0.4069,
0.4492

69.1610, 0.3102,
0.3255

53.7190, 0.4208,
0.4639

72.0348, 0.2963,
0.3058

■ 52.0929, 0.4324,
0.4744

■ 74.5686, 0.2881,
0.2953

■ 50.5833, 0.4412,
0.4804

■ 76.2883, 0.2883,
0.2988

■ 49.1734, 0.4473,
0.4821

■ 78.0403, 0.2884,
0.3022

■ 48.9334, 0.4483,
0.4822

■ 79.8247, 0.2885,
0.3056

■ 81.6417, 0.2887,
0.3089

Harmonies

Analogous

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



61.5911, 0.3787, 0.3734



61.5911, 0.3578, 0.3897



61.5911, 0.3254, 0.3891

Triad

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



61.5911, 0.3578, 0.3897



61.5911, 0.2488, 0.3046



61.5911, 0.3325, 0.2931

Complementary

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



61.5911, 0.3578, 0.3897



38.4713, 0.2648, 0.2600

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.



61.5911, 0.2970, 0.2764



61.5911, 0.3578, 0.3897



61.5911, 0.2503, 0.2814

Square

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



61.5911, 0.3578, 0.3897



61.5911, 0.2632, 0.3372



61.5911, 0.2674, 0.2719



61.5911, 0.3640, 0.3183

Rectangle

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



61.5911, 0.3578, 0.3897



61.5911, 0.3020, 0.3778



61.5911, 0.2674, 0.2719



61.5911, 0.3206, 0.2864

Sweetspot

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



61.5939, 0.3578, 0.3897



96.8485, 0.3249, 0.3459



40.7210, 0.3651, 0.3180



20.6067, 0.3273, 0.3491



0.0000, 0.0000, 0.0000



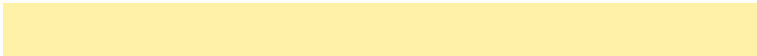
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5939, 0.3578, 0.3897



87.7220, 0.3680, 0.4028



63.0403, 0.3384, 0.4033



14.1929, 0.3270, 0.3487



29.0842, 0.4478, 0.4827



1.8412, 0.4421, 0.4872

Inverse Universe

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



38.4713, 0.2648, 0.2600



48.6660, 0.2530, 0.2424



37.6632, 0.2810, 0.2514



12.3016, 0.2982, 0.3085



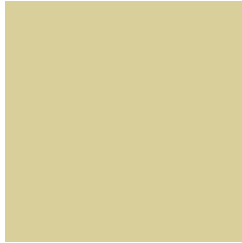
3.6394, 0.1535, 0.0727



0.3159, 0.1609, 0.0993

Previews

White Background



This preview shows how the Yxy color 61.5911, 0.3578, 0.3897 looks on a white background.

Color Contrast Check

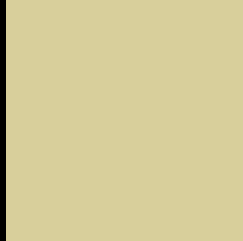
Large Text (above 18pt) WCAG AA × Fail

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 61.5911, 0.3578, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

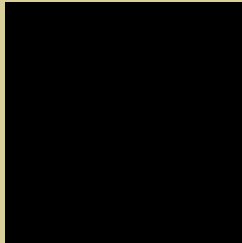
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

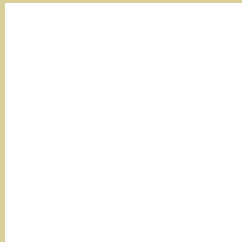
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5911, 0.3578, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 61.5911, 0.3578, 0.3897.



This preview shows how white text looks on a background with the Yxy color 61.5911, 0.3578, 0.3897.

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

61.5911, 0.3578, 0.3897

Protanopia

61.6914, 0.3621, 0.3891

Deuteranopia

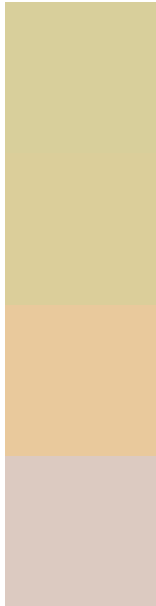
61.2441, 0.3814, 0.3727



Tritanopia

61.4411, 0.3198, 0.3113

Trichromacy



Original Color

61.5911, 0.3578, 0.3897

Protanomaly

61.5358, 0.3613, 0.3892

Deuteranomaly

61.4972, 0.3731, 0.3793

Tritanomaly

61.3070, 0.3335, 0.3393

Monochromacy



Original Color

61.5911, 0.3578, 0.3897

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6177, 0.3288, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5911, 0.3578, 0.3897 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, 207, 155)` looks like.

```
.text, #text, p{  
    color:rgb(216, 207, 155)  
}
```

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, 207, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 207, 155) }
```

Border

The CSS property to change the border of an element to Yxy 61.5911, 0.3578, 0.3897 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, 207, 155) }
```

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

```
.border{ border-color:rgb(216, 207, 155) }
```

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

Here you see how a box with a 4 pixel rgb(216, 207, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 207, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 207, 155);  
box-shadow:4px 4px 4px 4px rgb(216, 207,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5911, 0.3578, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 207, 155) }
```

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

```
.background{ background-color: rgb(216,  
207, 155) }
```

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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