

Converting Colors

$Yxy(61.1059, 0.3521, 0.3798)$

Have a look what the booklet for
Yxy(61.1059, 0.3521, 0.3798)
contains.

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Color

Yxy(61.1983, 0.3520, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	D7CEA2
RGB	215, 206, 162
RGB Percent	84%, 81%, 64%
CMY	0.1569, 0.1921, 0.3646
CMYK	0.00, 0.04, 0.25, 0.16
HSL	50°, 40%, 74%
HSV	50°, 25%, 84%
XYZ	56.6145, 61.1983, 43.0238
YIQ	203.6750, 19.4880, -11.7760

Conversions

Conversions Part 2

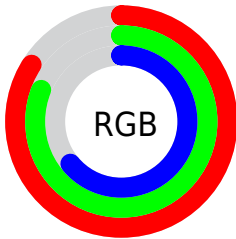
Format	Color
RYB	173, 215, 162
Decimal	14143138
CIELab	82.49, -3.81, 23.04
CIELCh	82, 23.354, 99.393
Yxy	61.1983, 0.3520, 0.3805
Android (android.graphics.Color)	4292333218 (0xFFD7CEA2)
YUV	203.6750, -20.5458, 9.9320
Hunter-Lab	78.2293, -7.7212, 22.1528

Details

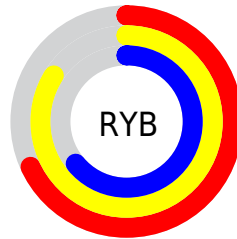
The Yxy color **61.1983, 0.3520, 0.3805** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7147, 0.2717, 0.2716**, and the grayscale version is **60.2916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **31.0558, 0.3620, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **58.7674, 0.3691, 0.4017**, and if you desaturate by 10%, it is **63.8060, 0.3354, 0.3592**.

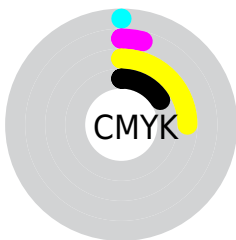
Distribution



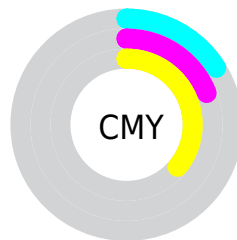
- Red (84%)
- Green (81%)
- Blue (64%)



- Red (68%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1983, 0.3520, 0.3805 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 61.1983, 0.3520, 0.3805 by changing the saturation by 10% instead.


 61.1983, 0.3520,
0.3805

 61.1983, 0.3520,
0.3805


429.0007, 0.3335,
0.3558

 44.3852, 0.3563,
0.3863


 106.5660, 0.3455,
0.3718

 30.9735, 0.3616,
0.3936


 135.8894, 0.3430,
0.3684

 20.5786, 0.3683,
0.4029


170.1517, 0.3409,
0.3656

 12.8164, 0.3771,
0.4153


209.7374, 0.3390,
0.3631

 7.3022, 0.3888,
0.4323

255.0307, 0.3373,
0.3609

 3.6518, 0.4049,
0.4568

306.4161, 0.3359,

 1.4808, 0.4637,

0.3590

0.5363

364.2780, 0.3346,
0.3573

■ 0.2751, 0.3798,
0.6202

■ 0.0000, 0.0000,
0.0000

■ 61.1983, 0.3520,
0.3805

■ 61.1983, 0.3520,
0.3805

■ 58.7674, 0.3691,
0.4017

■ 63.8060, 0.3354,
0.3592

■ 56.4982, 0.3863,
0.4221

■ 66.5888, 0.3196,
0.3383

■ 54.3858, 0.4029,
0.4406

■ 69.5554, 0.3050,
0.3185

■ 52.4221, 0.4182,
0.4562

■ 72.7114, 0.2915,
0.2998

■ 50.5979, 0.4314,
0.4681

■ 75.0918, 0.2875,
0.2966

■ 48.9023, 0.4421,
0.4755

■ 77.0726, 0.2877,
0.3005

■ 47.3226, 0.4498,
0.4782

■ 79.0956, 0.2878,
0.3044

■ 46.5102, 0.4531,
0.4784

■ 81.1611, 0.2880,
0.3083

■ 83.2693, 0.2882,
0.3121

Harmonies

Analogous

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



61.1983, 0.3692, 0.3667



61.1983, 0.3520, 0.3805



61.1983, 0.3247, 0.3800

Triad

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



61.1983, 0.3520, 0.3805



61.1983, 0.2580, 0.3092



61.1983, 0.3289, 0.2976

Complementary

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



61.1983, 0.3520, 0.3805



41.7147, 0.2717, 0.2716

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.



61.1983, 0.2986, 0.2835



61.1983, 0.3520, 0.3805



61.1983, 0.2589, 0.2888

Square

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



61.1983, 0.3520, 0.3805



61.1983, 0.2709, 0.3370



61.1983, 0.2734, 0.2800



61.1983, 0.3557, 0.3194

Rectangle

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



61.1983, 0.3520, 0.3805



61.1983, 0.3046, 0.3707



61.1983, 0.2734, 0.2800



61.1983, 0.3187, 0.2919

Sweetspot

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



61.2011, 0.3520, 0.3805



96.9893, 0.3234, 0.3433



43.2633, 0.3548, 0.3173



20.7055, 0.3243, 0.3446



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.



61.2011, 0.3520, 0.3805



88.0240, 0.3617, 0.3926



63.2343, 0.3365, 0.3929



14.1452, 0.3271, 0.3482



27.9607, 0.4525, 0.4789



1.7834, 0.4458, 0.4842

Inverse Universe

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



41.7147, 0.2717, 0.2716



54.2057, 0.2611, 0.2561



40.3157, 0.2843, 0.2621



12.3453, 0.2982, 0.3090



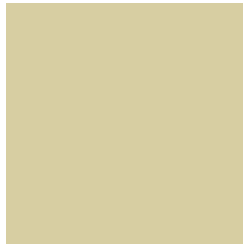
3.8103, 0.1544, 0.0757



0.3364, 0.1624, 0.1046

Previews

White Background



This preview shows how the Yxy color 61.1983, 0.3520, 0.3805 looks on a white background.

Color Contrast Check

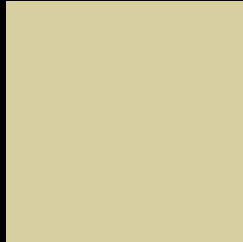
Large Text (above 18pt) WCAG AA × Fail

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 61.1983, 0.3520, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

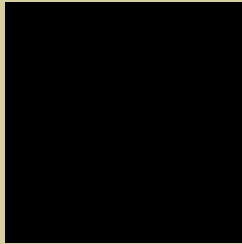
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

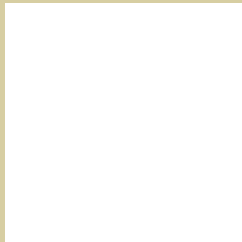
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1983, 0.3520, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 61.1983, 0.3520, 0.3805.



This preview shows how white text looks on a background with the Yxy color 61.1983, 0.3520, 0.3805.

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

61.1983, 0.3520, 0.3805

Protanopia

61.1767, 0.3548, 0.3790

Deuteranopia

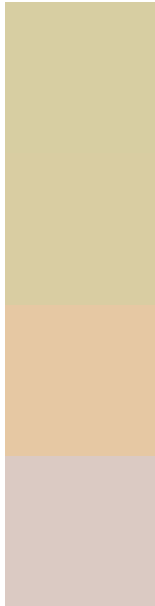
60.9636, 0.3732, 0.3654



Tritanopia

61.2315, 0.3197, 0.3123

Trichromacy



Original Color

61.1983, 0.3520, 0.3805

Protanomaly

61.0230, 0.3540, 0.3791

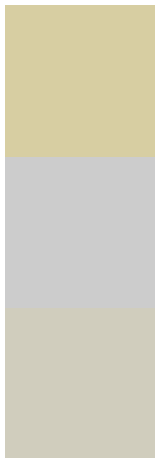
Deuteranomaly

60.7759, 0.3655, 0.3708

Tritanomaly

61.2413, 0.3312, 0.3370

Monochromacy



Original Color

61.1983, 0.3520, 0.3805

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7467, 0.3266, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1983, 0.3520, 0.3805 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(215, 206, 162)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 162)  
}
```

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(215, 206, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 162) }
```

Border

The CSS property to change the border of an element to Yxy 61.1983, 0.3520, 0.3805 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(215, 206, 162) }
```

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

```
.border{ border-color:rgb(215, 206, 162) }
```

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

Here you see how a box with a 4 pixel rgb(215, 206, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 162);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1983, 0.3520, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 162) }
```

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

```
.background{ background-color: rgb(215,  
206, 162) }
```

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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