

Converting Colors

$Yxy(60.3209, 0.3557, 0.3888)$

Have a look what the booklet for
Yxy(60.3209, 0.3557, 0.3888)
contains.

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Color

Yxy(60.1753, 0.3559, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	D5CD9B
RGB	213, 205, 155
RGB Percent	84%, 80%, 61%
CMY	0.1646, 0.1961, 0.3921
CMYK	0.00, 0.04, 0.27, 0.16
HSL	52°, 41%, 72%
HSV	52°, 27%, 84%
XYZ	55.1969, 60.1753, 39.7188
YIQ	201.6920, 20.8180, -13.8540

Conversions

Conversions Part 2

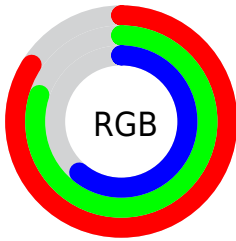
Format	Color
RYB	164, 213, 155
Decimal	14011803
CIELab	81.93, -4.97, 25.95
CIELCh	82, 26.420, 100.851
Yxy	60.1753, 0.3559, 0.3880
Android (android.graphics.Color)	4292201883 (0xFFD5CD9B)
YUV	201.6920, -23.0192, 9.9171
Hunter-Lab	77.5727, -8.7406, 23.9432

Details

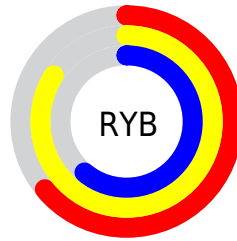
The Yxy color **60.1753, 0.3559, 0.3880** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9887, 0.2667, 0.2622**, and the grayscale version is **59.0017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **30.3816, 0.3670, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **58.1244, 0.3726, 0.4097**, and if you desaturate by 10%, it is **62.3845, 0.3394, 0.3659**.

Distribution



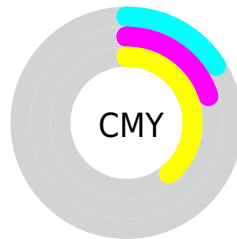
- Red (84%)
- Green (80%)
- Blue (61%)



- Red (64%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1753, 0.3559, 0.3880 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 60.1753, 0.3559, 0.3880 by changing the saturation by 10% instead.

 60.1753, 0.3559,
0.3880


 60.1753, 0.3559,
0.3880


425.2436, 0.3356,
0.3596

 43.5599, 0.3606,
0.3947

 105.0839, 0.3488,
0.3780

 30.3247, 0.3664,
0.4031


 134.1460, 0.3460,
0.3741

 20.0852, 0.3736,
0.4138


168.1257, 0.3437,
0.3708

 12.4570, 0.3830,
0.4280

207.4076, 0.3416,
0.3680

 7.0557, 0.3953,
0.4474

252.3759, 0.3398,
0.3655

 3.4970, 0.4118,
0.4754

303.4151, 0.3382,

 1.3964, 0.4558,

0.3633

360.9095, 0.3368,
0.3614

0.5442

0.2140, 0.2770,
0.7230

0.0000, 0.0000,
0.0000

60.1753, 0.3559,
0.3880

60.1753, 0.3559,
0.3880

58.1244, 0.3726,
0.4097

62.3845, 0.3394,
0.3659

56.2171, 0.3891,
0.4302

64.7503, 0.3236,
0.3442

54.4485, 0.4046,
0.4485

67.2812, 0.3087,
0.3233

52.8105, 0.4184,
0.4636

69.9829, 0.2949,
0.3036

■ 51.2939, 0.4300,
0.4747

■ 72.4328, 0.2861,
0.2917

■ 49.8879, 0.4388,
0.4813

■ 73.9948, 0.2862,
0.2949

■ 48.5780, 0.4449,
0.4836

■ 75.5842, 0.2864,
0.2981

■ 48.2266, 0.4463,
0.4838

■ 77.2013, 0.2865,
0.3013

■ 78.8462, 0.2866,
0.3044

Harmonies

Analogous

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



60.1753, 0.3764, 0.3726



60.1753, 0.3559, 0.3880



60.1753, 0.3244, 0.3869

Triad

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



60.1753, 0.3559, 0.3880



60.1753, 0.2505, 0.3049



60.1753, 0.3327, 0.2946

Complementary

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



60.1753, 0.3559, 0.3880



37.9887, 0.2667, 0.2622

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.



60.1753, 0.2982, 0.2782



60.1753, 0.3559, 0.3880



60.1753, 0.2523, 0.2825

Square

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



60.1753, 0.3559, 0.3880



60.1753, 0.2642, 0.3363



60.1753, 0.2692, 0.2735



60.1753, 0.3629, 0.3193

Rectangle

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



60.1753, 0.3559, 0.3880



60.1753, 0.3017, 0.3757



60.1753, 0.2692, 0.2735



60.1753, 0.3211, 0.2880

Sweetspot

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



60.1780, 0.3559, 0.3880



96.9638, 0.3249, 0.3460



40.2671, 0.3626, 0.3184



20.6359, 0.3273, 0.3493



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.



60.1780, 0.3559, 0.3880



88.4955, 0.3661, 0.4013



61.2763, 0.3375, 0.4004



14.2127, 0.3270, 0.3489



29.5594, 0.4459, 0.4842



1.8656, 0.4406, 0.4884

Inverse Universe

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



37.9887, 0.2667, 0.2622



49.5290, 0.2549, 0.2444



37.4022, 0.2824, 0.2546



12.2836, 0.2981, 0.3083



3.5750, 0.1532, 0.0715



0.3075, 0.1603, 0.0971

Previews

White Background



This preview shows how the Yxy color 60.1753, 0.3559, 0.3880 looks on a white background.

Color Contrast Check

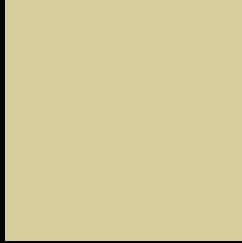
Large Text (above 18pt) WCAG AA × Fail

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 60.1753, 0.3559, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

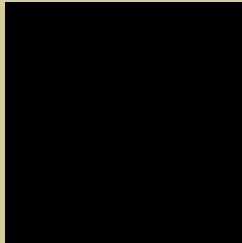
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

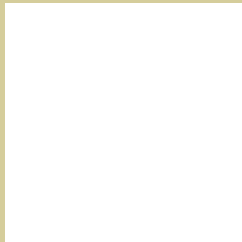
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1753, 0.3559, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 60.1753, 0.3559, 0.3880.



This preview shows how white text looks on a background with the Yxy color 60.1753, 0.3559, 0.3880.

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

60.1753, 0.3559, 0.3880

Protanopia

59.9504, 0.3614, 0.3862

Deuteranopia

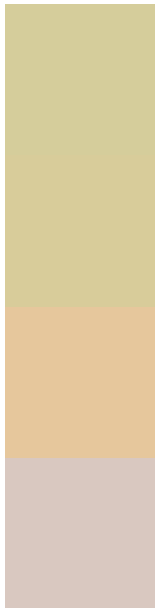
59.8153, 0.3796, 0.3710



Tritanopia

59.9522, 0.3191, 0.3111

Trichromacy



Original Color

60.1753, 0.3559, 0.3880

Protanomaly

60.1178, 0.3594, 0.3876

Deuteranomaly

60.0701, 0.3713, 0.3777

Tritanomaly

59.8660, 0.3322, 0.3383

Monochromacy



Original Color

60.1753, 0.3559, 0.3880

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3365, 0.3282, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1753, 0.3559, 0.3880 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(213, 205, 155)` looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 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(213, 205, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 155) }
```

Border

The CSS property to change the border of an element to Yxy 60.1753, 0.3559, 0.3880 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(213, 205, 155) }
```

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

```
.border{ border-color:rgb(213, 205, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 155);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1753, 0.3559, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 155) }
```

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

```
.background{ background-color: rgb(213,  
205, 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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