

Converting Colors

$Yxy(55.9221, 0.3532, 0.3773)$

Have a look what the booklet for
Yxy(55.9221, 0.3532, 0.3773)
contains.

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Color

Yxy(55.9221, 0.3532, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	D1C59D
RGB	209, 197, 157
RGB Percent	82%, 77%, 62%
CMY	0.1804, 0.2274, 0.3842
CMYK	0.00, 0.06, 0.25, 0.18
HSL	46°, 36%, 72%
HSV	46°, 25%, 82%
XYZ	52.3501, 55.9221, 39.9444
YIQ	196.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

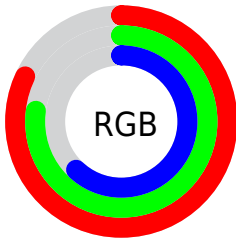
Format	Color
R _Y B	173, 209, 157
Decimal	13747613
CIE Lab	79.57, -2.08, 21.60
CIE LCh	80, 21.702, 95.508
Yxy	55.9221, 0.3532, 0.3773
Android (android.graphics.Color)	4291937693 (0xFFD1C59D)
YUV	196.0280, -19.2408, 11.3764
Hunter-Lab	74.7811, -5.9090, 20.6770

Details

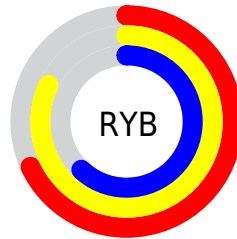
The Yxy color **55.9221, 0.3532, 0.3773** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.1637, 0.2718, 0.2755**, and the grayscale version is **55.3312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8971, 0.3383, 0.3701**, and **27.5349, 0.3642, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **53.1127, 0.3712, 0.3972**, and if you desaturate by 10%, it is **58.9289, 0.3361, 0.3574**.

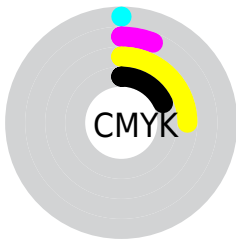
Distribution



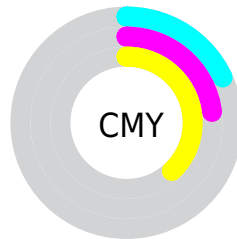
- Red (82%)
- Green (77%)
- Blue (62%)



- Red (68%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9221, 0.3532, 0.3773 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 55.9221, 0.3532, 0.3773 by changing the saturation by 10% instead.

 55.9221, 0.3532,
0.3773

 55.9221, 0.3532,
0.3773


409.3979, 0.3337,
0.3539

 40.1405, 0.3578,
0.3829


 98.8907, 0.3463,
0.3690

 27.6481, 0.3636,
0.3899


 126.8464, 0.3437,
0.3658

 18.0605, 0.3710,
0.3991


159.6290, 0.3414,
0.3631

 10.9935, 0.3807,
0.4112


197.6227, 0.3395,
0.3607

 6.0624, 0.3941,
0.4282

241.2121, 0.3377,
0.3587

 2.8831, 0.4134,
0.4532

290.7815, 0.3362,

 1.0710, 0.4730,

0.3569

0.5270

346.7153, 0.3349,
0.3553

0.0000, 0.0000,
0.0000

55.9221, 0.3532,
0.3773

55.9221, 0.3532,
0.3773

53.1127, 0.3712,
0.3972

58.9289, 0.3361,
0.3574

50.4863, 0.3896,
0.4163

62.1320, 0.3201,
0.3381

48.0380, 0.4078,
0.4337

65.5398, 0.3053,
0.3197

45.7597, 0.4250,
0.4484

69.1583, 0.2919,
0.3024

43.6423, 0.4404,
0.4593

72.5648, 0.2836,
0.2929

■ 41.6753, 0.4533,
0.4657

■ 75.1535, 0.2838,
0.2982

■ 39.8463, 0.4632,
0.4674

■ 77.8161, 0.2841,
0.3034

■ 38.9505, 0.4675,
0.4670

■ 80.5533, 0.2844,
0.3086

■ 83.3656, 0.2847,
0.3137

Harmonies

Analogous

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



55.9221, 0.3679, 0.3628



55.9221, 0.3532, 0.3773



55.9221, 0.3279, 0.3787

Triad

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



55.9221, 0.3532, 0.3773



55.9221, 0.2611, 0.3133



55.9221, 0.3245, 0.2967

Complementary

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



55.9221, 0.3532, 0.3773



40.1637, 0.2718, 0.2755

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.



55.9221, 0.2957, 0.2842



55.9221, 0.3532, 0.3773



55.9221, 0.2602, 0.2925

Square

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



55.9221, 0.3532, 0.3773



55.9221, 0.2751, 0.3402



55.9221, 0.2725, 0.2824



55.9221, 0.3511, 0.3169

Rectangle

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



55.9221, 0.3532, 0.3773



55.9221, 0.3087, 0.3711



55.9221, 0.2725, 0.2824



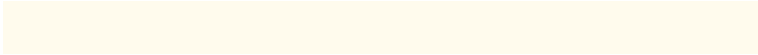
55.9221, 0.3147, 0.2915

Sweetspot

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



55.9246, 0.3532, 0.3773



96.3004, 0.3235, 0.3423



40.5500, 0.3526, 0.3140



20.5456, 0.3244, 0.3435



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.



55.9246, 0.3532, 0.3773



85.2527, 0.3630, 0.3882



59.6624, 0.3388, 0.3930



13.3152, 0.3272, 0.3468



24.1693, 0.4667, 0.4677



1.4670, 0.4563, 0.4759

Inverse Universe

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



40.1637, 0.2718, 0.2755



56.3019, 0.2617, 0.2617



37.3723, 0.2819, 0.2611



11.8546, 0.2982, 0.3106



4.2815, 0.1573, 0.0861



0.3633, 0.1671, 0.1217

Previews

White Background



This preview shows how the Yxy color 55.9221, 0.3532, 0.3773 looks on a white background.

Color Contrast Check

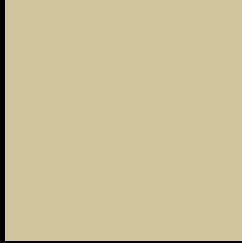
Large Text (above 18pt) WCAG AA × Fail

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 55.9221, 0.3532, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

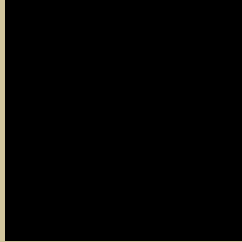
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9221, 0.3532, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 55.9221, 0.3532, 0.3773.



This preview shows how white text looks on a background with the Yxy color 55.9221, 0.3532, 0.3773.

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

55.9221, 0.3532, 0.3773

Protanopia

56.0685, 0.3541, 0.3772

Deuteranopia

55.5564, 0.3714, 0.3635



Tritanopia

55.6818, 0.3217, 0.3117

Trichromacy



Original Color

55.9221, 0.3532, 0.3773

Protanomaly

56.0685, 0.3541, 0.3772

Deuteranomaly

55.6975, 0.3651, 0.3688

Tritanomaly

55.9169, 0.3330, 0.3349

Monochromacy



Original Color

55.9221, 0.3532, 0.3773

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2748, 0.3273, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9221, 0.3532, 0.3773 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(209, 197, 157)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 157)  
}
```

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(209, 197, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 157) }
```

Border

The CSS property to change the border of an element to Yxy 55.9221, 0.3532, 0.3773 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(209, 197, 157) }
```

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

```
.border{ border-color:rgb(209, 197, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 157);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9221, 0.3532, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 157) }
```

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

```
.background{ background-color: rgb(209,  
197, 157) }
```

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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