

Converting Colors

$Yxy(55.9010, 0.3561, 0.3965)$

Have a look what the booklet for
Yxy(55.9010, 0.3561, 0.3965)
contains.

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Color

Yxy(55.9094, 0.3556, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	CAC891
RGB	202, 200, 145
RGB Percent	79%, 78%, 57%
CMY	0.2077, 0.2157, 0.4314
CMYK	0.00, 0.01, 0.28, 0.21
HSL	58°, 35%, 68%
HSV	58°, 28%, 79%
XYZ	50.1296, 55.9094, 34.9328
YIQ	194.3280, 18.8470, -16.6810

Conversions

Conversions Part 2

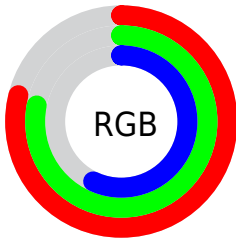
Format	Color
RYB	147, 202, 145
Decimal	13289617
CIELab	79.56, -7.93, 27.85
CIELCh	80, 28.954, 105.897
Yxy	55.9094, 0.3556, 0.3966
Android (android.graphics.Color)	4291479697 (0xFFCAC891)
YUV	194.3280, -24.3187, 6.7283
Hunter-Lab	74.7726, -11.1808, 24.6413

Details

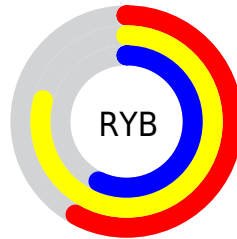
The Yxy color **55.9094, 0.3556, 0.3966** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.1639, 0.2641, 0.2511**, and the grayscale version is **54.2955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **27.5690, 0.3657, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **55.0082, 0.3707, 0.4201**, and if you desaturate by 10%, it is **56.9281, 0.3402, 0.3724**.

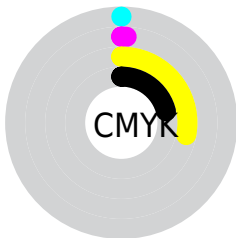
Distribution



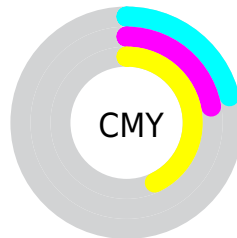
- Red (79%)
- Green (78%)
- Blue (57%)



- Red (58%)
- Yellow (79%)
- Blue (57%)



- Cyan (0%)
- Magenta (1%)
- Yellow (28%)
- Black (21%)





- Cyan (21%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9094, 0.3556, 0.3966 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 55.9094, 0.3556, 0.3966 by changing the saturation by 10% instead.


 55.9094, 0.3556,
0.3966

 55.9094, 0.3556,
0.3966


409.3500, 0.3353,
0.3635

 40.1303, 0.3603,
0.4046


 98.8721, 0.3485,
0.3848

 27.6401, 0.3660,
0.4146


 126.8245, 0.3458,
0.3803

 18.0546, 0.3731,
0.4276


159.6034, 0.3434,
0.3764

 10.9892, 0.3822,
0.4449

197.5933, 0.3414,
0.3731

 6.0596, 0.3938,
0.4689

241.1784, 0.3396,
0.3703

 2.8813, 0.4149,
0.5120

290.7434, 0.3380,

 1.0701, 0.4316,

0.3677

0.5684

346.6724, 0.3366,
0.3655

0.0000, 0.0000,
0.0000

55.9094, 0.3556,
0.3966

55.9094, 0.3556,
0.3966

55.0082, 0.3707,
0.4201

56.9281, 0.3402,
0.3724

54.2110, 0.3849,
0.4420

58.0622, 0.3249,
0.3483

53.5139, 0.3977,
0.4613

59.3192, 0.3102,
0.3250

52.9098, 0.4084,
0.4771

60.7039, 0.2963,
0.3028

52.3907, 0.4166,
0.4888

62.2209, 0.2833,
0.2820

■ 51.9471, 0.4221,
0.4962

■ 63.1310, 0.2779,
0.2737

■ 51.5645, 0.4253,
0.4997

■ 63.4771, 0.2779,
0.2745

■ 51.4995, 0.4257,
0.5002

■ 63.8248, 0.2780,
0.2754

■ 64.1742, 0.2781,
0.2762

Harmonies

Analogous

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



55.9094, 0.3815, 0.3814



55.9094, 0.3556, 0.3966



55.9094, 0.3191, 0.3922

Triad

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



55.9094, 0.3556, 0.3966



55.9094, 0.2424, 0.2965



55.9094, 0.3414, 0.2947

Complementary

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



55.9094, 0.3556, 0.3966



31.1639, 0.2641, 0.2511

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.



55.9094, 0.3026, 0.2747



55.9094, 0.3556, 0.3966



55.9094, 0.2474, 0.2741

Square

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



55.9094, 0.3556, 0.3966



55.9094, 0.2548, 0.3307



55.9094, 0.2687, 0.2670



55.9094, 0.3736, 0.3230

Rectangle

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



55.9094, 0.3556, 0.3966



55.9094, 0.2940, 0.3774



55.9094, 0.2687, 0.2670



55.9094, 0.3286, 0.2869

Sweetspot

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



55.9119, 0.3556, 0.3966



98.2890, 0.3247, 0.3480



34.9431, 0.3709, 0.3255



20.9723, 0.3270, 0.3517



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.



55.9119, 0.3556, 0.3966



93.6499, 0.3651, 0.4114



53.5771, 0.3335, 0.4041



13.0250, 0.3267, 0.3511



33.1537, 0.4256, 0.5002



1.7324, 0.4243, 0.5013

Inverse Universe

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



31.1639, 0.2641, 0.2511



44.8589, 0.2515, 0.2307



33.1341, 0.2864, 0.2530



10.9074, 0.2982, 0.3059



2.8731, 0.1507, 0.0625



0.1713, 0.1531, 0.0711

Previews

White Background



This preview shows how the Yxy color 55.9094, 0.3556, 0.3966 looks on a white background.

Color Contrast Check

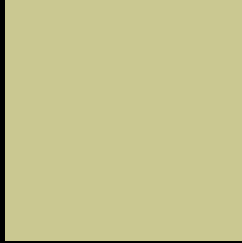
Large Text (above 18pt) WCAG AA × Fail

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 55.9094, 0.3556, 0.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

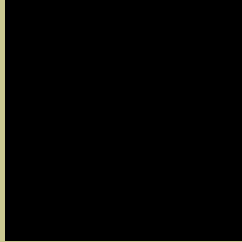
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

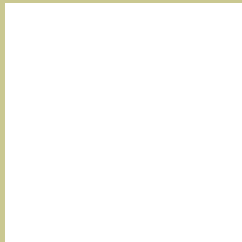
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9094, 0.3556, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 55.9094, 0.3556, 0.3966.



This preview shows how white text looks on a background with the Yxy color 55.9094, 0.3556, 0.3966.

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

55.9094, 0.3556, 0.3966

Protanopia

55.9432, 0.3659, 0.3925

Deuteranopia

55.6576, 0.3840, 0.3767



Tritanopia

55.9059, 0.3159, 0.3116

Trichromacy



Original Color

55.9094, 0.3556, 0.3966

Protanomaly

55.8117, 0.3621, 0.3944

Deuteranomaly

55.5874, 0.3736, 0.3841

Tritanomaly

55.7563, 0.3308, 0.3422

Monochromacy



Original Color

55.9094, 0.3556, 0.3966

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4848, 0.3286, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9094, 0.3556, 0.3966 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(202, 200, 145)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 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(202, 200, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 145) }
```

Border

The CSS property to change the border of an element to Yxy 55.9094, 0.3556, 0.3966 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(202, 200, 145) }
```

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

```
.border{ border-color:rgb(202, 200, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 145);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9094, 0.3556, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 145) }
```

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

```
.background{ background-color: rgb(202,  
200, 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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