

Converting Colors

$Yxy(38.8569, 0.3658, 0.3468)$

Have a look what the booklet for
Yxy(38.8569, 0.3658, 0.3468)
contains.

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Color

Yxy(38.9827, 0.3660, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	C79F91
RGB	199, 159, 145
RGB Percent	78%, 62%, 57%
CMY	0.2197, 0.3764, 0.4315
CMYK	0.00, 0.20, 0.27, 0.22
HSL	16°, 33%, 67%
HSV	16°, 27%, 78%
XYZ	41.0580, 38.9827, 32.1397
YIQ	169.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

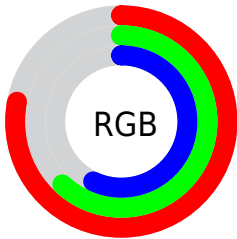
Format	Color
R_{YB}	199, 164, 145
Decimal	13082513
CIE _{Lab}	68.74, 12.72, 12.94
CIE _{LCh}	69, 18.140, 45.491
Yxy	38.9827, 0.3660, 0.3475
Android (android.graphics.Color)	4291272593 (0xFFC79F91)
YUV	169.3640, -12.0115, 25.9908
Hunter-Lab	62.4361, 8.1185, 13.1851

Details

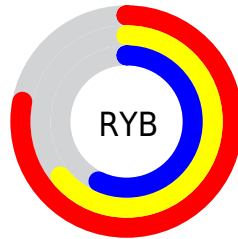
The Yxy color **38.9827, 0.3660, 0.3475** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.8191, 0.2717, 0.3096**, and the grayscale version is **39.9158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4767, 0.3544, 0.3445**, and **17.4806, 0.3815, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **33.6557, 0.3928, 0.3547**, and if you desaturate by 10%, it is **45.0244, 0.3433, 0.3404**.

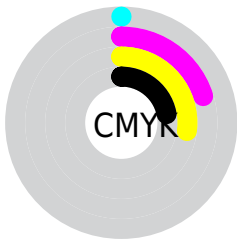
Distribution



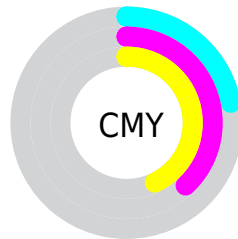
- Red (78%)
- Green (62%)
- Blue (57%)



- Red (78%)
- Yellow (64%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (22%)




- Cyan (22%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9827, 0.3660, 0.3475 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 38.9827, 0.3660, 0.3475 by changing the saturation by 10% instead.

 38.9827, 0.3660,
0.3475


 38.9827, 0.3660,
0.3475

341.8169, 0.3383,
0.3385

 26.7463, 0.3732,
0.3496


 73.6119, 0.3557,
0.3443

 17.3828, 0.3827,
0.3523


 96.7734, 0.3519,
0.3431

 10.5078, 0.3956,
0.3556


124.3455, 0.3487,
0.3421

 5.7369, 0.4142,
0.3599

156.7124, 0.3460,
0.3412

 2.6858, 0.4432,
0.3652

194.2586, 0.3437,
0.3404

 0.9700, 0.5360,
0.4022

237.3685, 0.3417,

 0.0000, 1.0000,

0.3397

0.0000

286.4265, 0.3399,
0.3391

0.0000, 0.0000,
0.0000

38.9827, 0.3660,
0.3475

38.9827, 0.3660,
0.3475

33.6557, 0.3928,
0.3547

45.0244, 0.3433,
0.3404

29.0113, 0.4240,
0.3615

51.8007, 0.3243,
0.3336

25.0229, 0.4593,
0.3671

59.3374, 0.3085,
0.3272

21.6598, 0.4976,
0.3706

67.6573, 0.2952,
0.3214

18.8891, 0.5361,
0.3708

76.7825, 0.2840,
0.3161

■ 16.6742, 0.5714,
0.3670

■ 86.1155, 0.2794,
0.3209

■ 14.9728, 0.5993,
0.3591

■ 90.8802, 0.2800,
0.3289

■ 14.5699, 0.6064,
0.3567

Harmonies

Analogous

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



38.9827, 0.3553, 0.3249



38.9827, 0.3660, 0.3475



38.9827, 0.3616, 0.3666

Triad

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



38.9827, 0.3660, 0.3475



38.9827, 0.2917, 0.3558



38.9827, 0.2811, 0.2843

Complementary

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



38.9827, 0.3660, 0.3475



44.8191, 0.2717, 0.3096

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.



38.9827, 0.2657, 0.2902



38.9827, 0.3660, 0.3475



38.9827, 0.2716, 0.3310

Square

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



38.9827, 0.3660, 0.3475



38.9827, 0.3181, 0.3729



38.9827, 0.2622, 0.3068



38.9827, 0.3055, 0.2895

Rectangle

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



38.9827, 0.3660, 0.3475



38.9827, 0.3509, 0.3745



38.9827, 0.2622, 0.3068



38.9827, 0.2748, 0.2850

Sweetspot

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



38.9845, 0.3660, 0.3475



89.4968, 0.3261, 0.3342



35.9080, 0.3287, 0.2778



18.7543, 0.3288, 0.3352



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.



38.9845, 0.3660, 0.3475



62.2087, 0.3825, 0.3521



49.0849, 0.3574, 0.3804



11.0776, 0.3283, 0.3351



9.4925, 0.6040, 0.3586



0.5711, 0.5617, 0.3922

Inverse Universe

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



44.8191, 0.2717, 0.3096



74.2152, 0.2625, 0.3045



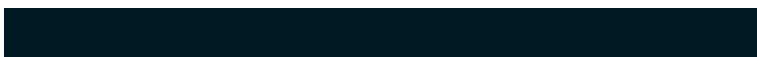
34.7590, 0.2679, 0.2716



11.5830, 0.2984, 0.3229



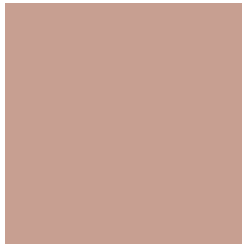
16.2764, 0.2009, 0.2433



0.8833, 0.2065, 0.2633

Previews

White Background



This preview shows how the Yxy color 38.9827, 0.3660, 0.3475 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 38.9827, 0.3660, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

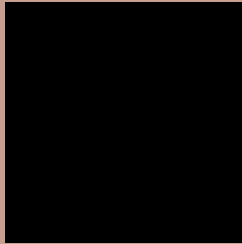
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9827, 0.3660, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 38.9827, 0.3660, 0.3475.



This preview shows how white text looks on a background with the Yxy color 38.9827, 0.3660, 0.3475.

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

38.9827, 0.3660, 0.3475

Protanopia

38.9213, 0.3361, 0.3543

Deuteranopia

39.1917, 0.3599, 0.3531



Tritanopia

39.1606, 0.3471, 0.3138

Trichromacy



Original Color

38.9827, 0.3660, 0.3475

Protanomaly

38.8794, 0.3466, 0.3510

Deuteranomaly

39.1055, 0.3623, 0.3517

Tritanomaly

39.0695, 0.3537, 0.3253

Monochromacy



Original Color

38.9827, 0.3660, 0.3475

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1516, 0.3314, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9827, 0.3660, 0.3475 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(199, 159, 145)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 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(199, 159, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 145) }
```

Border

The CSS property to change the border of an element to Yxy 38.9827, 0.3660, 0.3475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

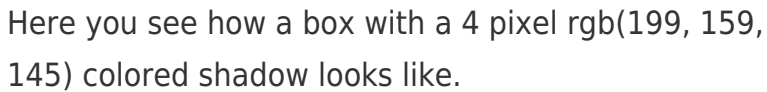
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 159, 145) }
```

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

```
.border{ border-color:rgb(199, 159, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 159, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 159, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 159, 145); box-shadow:4px 4px 4px 4px rgb(199, 159, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9827, 0.3660, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 145) }
```

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

```
.background{ background-color: rgb(199,  
159, 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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