

Converting Colors

$Yxy(39.9860, 0.3566, 0.3537)$

Have a look what the booklet for
Yxy(39.9860, 0.3566, 0.3537)
contains.

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Color

Yxy(39.8327, 0.3564, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	C0A492
RGB	192, 164, 146
RGB Percent	75%, 64%, 57%
CMY	0.2470, 0.3569, 0.4274
CMYK	0.00, 0.15, 0.24, 0.25
HSL	23°, 27%, 66%
HSV	23°, 24%, 75%
XYZ	40.2050, 39.8327, 32.7709
YIQ	170.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

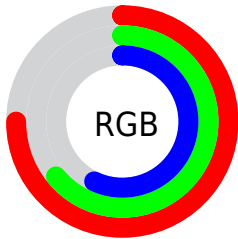
Format	Color
R _Y B	192, 176, 146
Decimal	12625042
CIE Lab	69.35, 7.44, 13.12
CIE LCh	69, 15.089, 60.437
Yxy	39.8327, 0.3564, 0.3531
Android (android.graphics.Color)	4290815122 (0xFFC0A492)
YUV	170.3200, -11.9898, 19.0134
Hunter-Lab	63.1132, 3.2618, 13.3935

Details

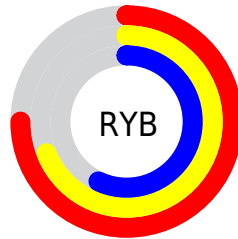
The Yxy color **39.8327, 0.3564, 0.3531** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2026, 0.2757, 0.3036**, and the grayscale version is **40.4209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9729, 0.3481, 0.3488**, and **17.8178, 0.3708, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **35.2911, 0.3797, 0.3638**, and if you desaturate by 10%, it is **44.8632, 0.3362, 0.3427**.

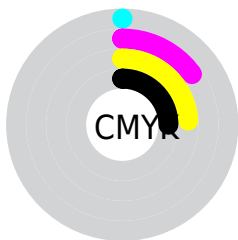
Distribution



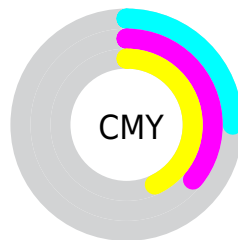
- Red (75%)
- Green (64%)
- Blue (57%)



- Red (75%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (25%)



- Cyan (25%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8327, 0.3564, 0.3531 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 39.8327, 0.3564, 0.3531 by changing the saturation by 10% instead.

 39.8327, 0.3564,
0.3531


 39.8327, 0.3564,
0.3531


345.4179, 0.3339,
0.3411

 27.4081, 0.3622,
0.3561


 74.9087, 0.3480,
0.3487

 17.8800, 0.3699,
0.3599


 98.3289, 0.3450,
0.3471

 10.8638, 0.3803,
0.3649


126.1831, 0.3424,
0.3457

 5.9754, 0.3952,
0.3717

158.8557, 0.3402,
0.3445

 2.8301, 0.4182,
0.3813

196.7311, 0.3383,
0.3435

 1.0437, 0.4910,
0.4239

240.1937, 0.3366,

 0.0000, 1.0000,

0.3426

0.0000

289.6278, 0.3351,
0.3418

0.0000, 0.0000,
0.0000

39.8327, 0.3564,
0.3531

39.8327, 0.3564,
0.3531

35.2911, 0.3797,
0.3638

44.8632, 0.3362,
0.3427

31.2176, 0.4063,
0.3742

50.3918, 0.3189,
0.3327

27.5979, 0.4358,
0.3835

56.4342, 0.3040,
0.3235

24.4146, 0.4676,
0.3909

63.0037, 0.2913,
0.3149

21.6493, 0.5002,
0.3949

70.1133, 0.2804,
0.3071

■ 19.2816, 0.5313,
0.3944

■ 77.3677, 0.2743,
0.3064

■ 17.2891, 0.5582,
0.3886

■ 84.2541, 0.2754,
0.3191

■ 16.2491, 0.5726,
0.3835

■ 89.9478, 0.2763,
0.3289

Harmonies

Analogous

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



39.8327, 0.3537, 0.3353



39.8327, 0.3564, 0.3531



39.8327, 0.3470, 0.3654

Triad

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



39.8327, 0.3564, 0.3531



39.8327, 0.2861, 0.3413



39.8327, 0.2960, 0.2928

Complementary

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



39.8327, 0.3564, 0.3531



40.2026, 0.2757, 0.3036

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.



39.8327, 0.2789, 0.2932



39.8327, 0.3564, 0.3531



39.8327, 0.2734, 0.3204

Square

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



39.8327, 0.3564, 0.3531



39.8327, 0.3061, 0.3592



39.8327, 0.2708, 0.3030



39.8327, 0.3182, 0.3013

Rectangle

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



39.8327, 0.3564, 0.3531



39.8327, 0.3353, 0.3684



39.8327, 0.2708, 0.3030



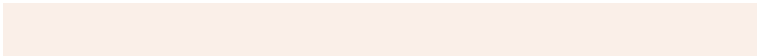
39.8327, 0.2895, 0.2919

Sweetspot

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



39.8345, 0.3564, 0.3531



88.0320, 0.3241, 0.3358



34.8424, 0.3325, 0.2918



18.7538, 0.3251, 0.3364



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8345, 0.3564, 0.3531



67.5250, 0.3688, 0.3590



48.6738, 0.3499, 0.3816



10.7093, 0.3279, 0.3381



11.0744, 0.5704, 0.3853



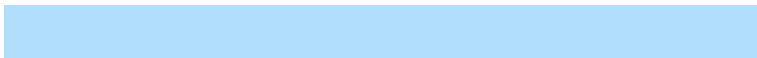
0.6126, 0.5291, 0.4181

Inverse Universe

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



40.2026, 0.2757, 0.3036



68.3063, 0.2672, 0.2969



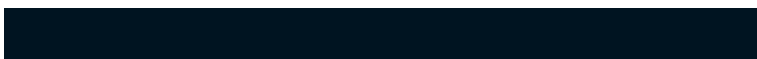
32.1763, 0.2730, 0.2703



10.7459, 0.2984, 0.3198



11.2669, 0.1881, 0.1970



0.6177, 0.1972, 0.2297

Previews

White Background



This preview shows how the Yxy color 39.8327, 0.3564, 0.3531 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 39.8327, 0.3564, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

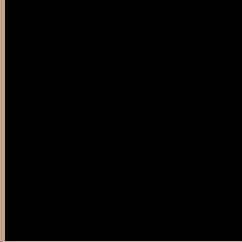
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8327, 0.3564, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 39.8327, 0.3564, 0.3531.



This preview shows how white text looks on a background with the Yxy color 39.8327, 0.3564, 0.3531.

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

39.8327, 0.3564, 0.3531

Protanopia

39.8930, 0.3377, 0.3569

Deuteranopia

39.7390, 0.3587, 0.3517



Tritanopia

39.7608, 0.3347, 0.3122

Trichromacy



Original Color

39.8327, 0.3564, 0.3531

Protanomaly

39.7206, 0.3439, 0.3552

Deuteranomaly

39.6072, 0.3577, 0.3517

Tritanomaly

39.6034, 0.3430, 0.3265

Monochromacy



Original Color

39.8327, 0.3564, 0.3531

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0435, 0.3281, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8327, 0.3564, 0.3531 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(192, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 146)  
}
```

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(192, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.8327, 0.3564, 0.3531 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(192, 164, 146) }
```

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

```
.border{ border-color:rgb(192, 164, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8327, 0.3564, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 146) }
```

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

```
.background{ background-color: rgb(192,  
164, 146) }
```

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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