

Converting Colors

$Y_{xy}(36.1754, 0.3965, 0.3573)$

Have a look what the booklet for
Yxy(36.1754, 0.3965, 0.3573)
contains.

Yxy(36.1490, 0.3959, 0.3575)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.1490, 0.3959, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	CE957F
RGB	206, 149, 127
RGB Percent	81%, 58%, 50%
CMY	0.1921, 0.4157, 0.5021
CMYK	0.00, 0.28, 0.38, 0.19
HSL	17°, 45%, 65%
HSV	17°, 38%, 81%
XYZ	40.0319, 36.1490, 24.9352
YIQ	163.5350, 41.0340, 5.2420

Conversions

Conversions Part 2

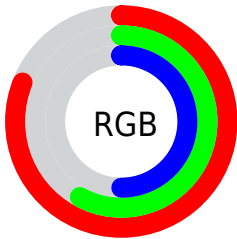
Format	Color
R _Y B	206, 157, 127
Decimal	13538687
CIE Lab	66.63, 18.61, 20.11
CIE LCh	67, 27.402, 47.211
Yxy	36.1490, 0.3959, 0.3575
Android (android.graphics.Color)	4291728767 (0xFFCE957F)
YUV	163.5350, -18.0118, 37.2418
Hunter-Lab	60.1240, 13.6320, 17.4975

Details

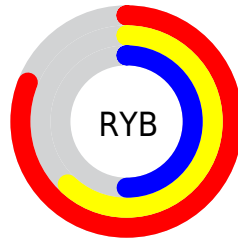
The Yxy color **36.1490, 0.3959, 0.3575** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2362, 0.2552, 0.2981**, and the grayscale version is **36.9646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2672, 0.3718, 0.3530**, and **15.7695, 0.4224, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **31.2620, 0.4272, 0.3647**, and if you desaturate by 10%, it is **41.7490, 0.3688, 0.3498**.

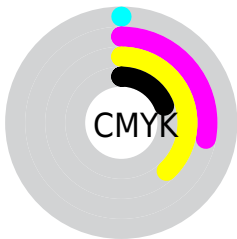
Distribution



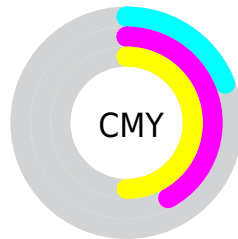
- Red (81%)
- Green (58%)
- Blue (50%)



- Red (81%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1490, 0.3959, 0.3575 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 36.1490, 0.3959, 0.3575 by changing the saturation by 10% instead.


 36.1490, 0.3959,
0.3575


 36.1490, 0.3959,
0.3575


329.6113, 0.3522,
0.3441


 24.5493, 0.4074,
0.3605


 69.2620, 0.3796,
0.3529

 15.7416, 0.4225,
0.3639


 91.5440, 0.3736,
0.3511

 9.3415, 0.4431,
0.3680


 118.1557, 0.3685,
0.3495

 4.9646, 0.4725,
0.3722

149.4813, 0.3643,
0.3481

 2.2265, 0.5209,
0.3775

185.9053, 0.3606,
0.3469

 0.7344, 0.6188,
0.3812

227.8120, 0.3574,

 0.0000, 1.0000,

0.3459

0.0000

275.5859, 0.3547,
0.3449

0.0000, 0.0000,
0.0000

36.1490, 0.3959,
0.3575

36.1490, 0.3959,
0.3575

31.2620, 0.4272,
0.3647

41.7490, 0.3688,
0.3498

27.0537, 0.4624,
0.3706

48.0844, 0.3458,
0.3421

23.4943, 0.5001,
0.3741


55.1828, 0.3265,
0.3348

20.5498, 0.5377,
0.3740

63.0689, 0.3103,
0.3279

18.1826, 0.5716,
0.3696

71.7663, 0.2966,
0.3216

 16.3473, 0.5985,
0.3612

 81.2975, 0.2852,
0.3158

 16.0922, 0.6024,
0.3599

 90.5982, 0.2837,
0.3269

 91.8630, 0.2838,
0.3289

Harmonies

Analogous

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



36.1490, 0.3806, 0.3237



36.1490, 0.3959, 0.3575



36.1490, 0.3870, 0.3870

Triad

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



36.1490, 0.3959, 0.3575



36.1490, 0.2778, 0.3693



36.1490, 0.2660, 0.2616

Complementary

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



36.1490, 0.3959, 0.3575



43.2362, 0.2552, 0.2981

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.



36.1490, 0.2423, 0.2684



36.1490, 0.3959, 0.3575



36.1490, 0.2485, 0.3288

Square

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



36.1490, 0.3959, 0.3575



36.1490, 0.3176, 0.3978



36.1490, 0.2361, 0.2918



36.1490, 0.3033, 0.2707

Rectangle

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



36.1490, 0.3959, 0.3575



36.1490, 0.3693, 0.4000



36.1490, 0.2361, 0.2918



36.1490, 0.2563, 0.2620

Sweetspot

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



36.1507, 0.3959, 0.3575



84.9022, 0.3334, 0.3375



31.7936, 0.3387, 0.2577



17.8451, 0.3359, 0.3385



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.



36.1507, 0.3959, 0.3575



51.9866, 0.4213, 0.3635



50.4357, 0.3776, 0.4037



11.7144, 0.3283, 0.3355



10.0504, 0.5999, 0.3619



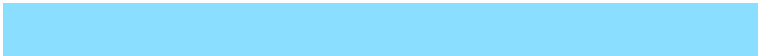
0.6485, 0.5605, 0.3932

Inverse Universe

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



43.2362, 0.2552, 0.2981



64.9989, 0.2442, 0.2902



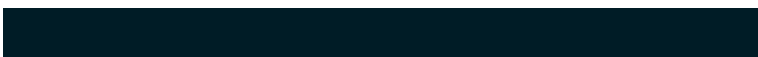
29.3431, 0.2467, 0.2407



12.1777, 0.2983, 0.3224



16.0668, 0.1990, 0.2365



0.9526, 0.2047, 0.2567

Previews

White Background



This preview shows how the Yxy color 36.1490, 0.3959, 0.3575 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 36.1490, 0.3959, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

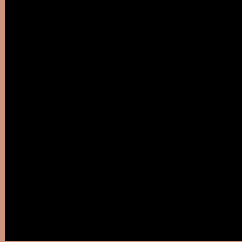
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1490, 0.3959, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 36.1490, 0.3959, 0.3575.



This preview shows how white text looks on a background with the Yxy color 36.1490, 0.3959, 0.3575.

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

36.1490, 0.3959, 0.3575

Protanopia

36.3048, 0.3491, 0.3710

Deuteranopia

36.2304, 0.3768, 0.3700



Tritanopia

36.2064, 0.3694, 0.3153

Trichromacy



Original Color

36.1490, 0.3959, 0.3575

Protanomaly

35.9430, 0.3651, 0.3653

Deuteranomaly

36.0246, 0.3844, 0.3652

Tritanomaly

36.0120, 0.3799, 0.3305

Monochromacy



Original Color

36.1490, 0.3959, 0.3575

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6143, 0.3399, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1490, 0.3959, 0.3575 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(206, 149, 127)` looks like.

```
.text, #text, p{  
    color:rgb(206, 149, 127)  
}
```

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(206, 149, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 149, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.1490, 0.3959, 0.3575 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(206, 149, 127) }
```

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

```
.border{ border-color:rgb(206, 149, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 149, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 149, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 149, 127); box-shadow:4px 4px 4px 4px rgb(206, 149, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1490, 0.3959, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 149, 127) }
```

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

```
.background{ background-color: rgb(206,  
149, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor