

Converting Colors

$Yxy(36.0854, 0.4018, 0.3656)$

Have a look what the booklet for
Yxy(36.0854, 0.4018, 0.3656)
contains.

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Color

Yxy(35.9972, 0.4022, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	CE9579
RGB	206, 149, 121
RGB Percent	81%, 58%, 47%
CMY	0.1921, 0.4157, 0.5255
CMYK	0.00, 0.28, 0.41, 0.19
HSL	20°, 46%, 64%
HSV	20°, 41%, 81%
XYZ	39.6551, 35.9972, 22.9432
YIQ	162.8510, 42.9600, 3.3760

Conversions

Conversions Part 2

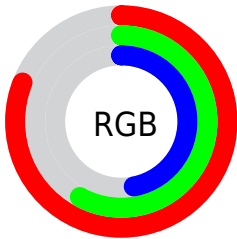
Format	Color
R _Y B	206, 163, 121
Decimal	13538681
CIE Lab	66.52, 17.93, 23.26
CIE LCh	67, 29.370, 52.365
Yxy	35.9972, 0.4022, 0.3651
Android (android.graphics.Color)	4291728761 (0xFFCE9579)
YUV	162.8510, -20.6325, 37.8417
Hunter-Lab	59.9977, 12.9826, 19.3258

Details

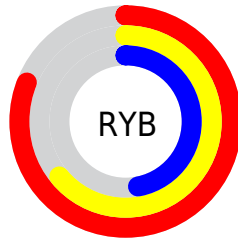
The Yxy color **35.9972, 0.4022, 0.3651** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.3645, 0.2502, 0.2890**, and the grayscale version is **36.6367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0279, 0.3765, 0.3593**, and **15.6873, 0.4312, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **31.4311, 0.4331, 0.3733**, and if you desaturate by 10%, it is **41.1932, 0.3750, 0.3561**.

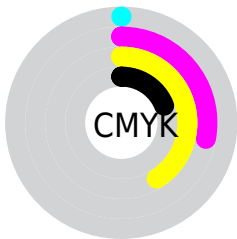
Distribution



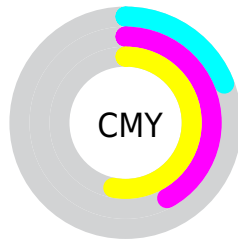
- Red (81%)
- Green (58%)
- Blue (47%)



- Red (81%)
- Yellow (64%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (41%)
- Black (19%)




- Cyan (19%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9972, 0.4022, 0.3651 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 35.9972, 0.4022, 0.3651 by changing the saturation by 10% instead.


 35.9972, 0.4022,
0.3651


 35.9972, 0.4022,
0.3651


328.9483, 0.3553,
0.3480

 24.4320, 0.4145,
0.3689


 69.0277, 0.3847,
0.3592

 15.6544, 0.4306,
0.3734


 91.2619, 0.3782,
0.3569

 9.2799, 0.4523,
0.3786


 117.8212, 0.3728,
0.3549

 4.9242, 0.4830,
0.3840

149.0900, 0.3683,
0.3531

 2.2029, 0.5392,
0.3953

185.4527, 0.3643,
0.3516

 0.7216, 0.6157,
0.3843

227.2938, 0.3609,

 0.0000, 1.0000,

0.3502

0.0000

274.9975, 0.3579,
0.3490

0.0000, 0.0000,
0.0000

35.9972, 0.4022,
0.3651

35.9972, 0.4022,
0.3651

31.4311, 0.4331,
0.3733

41.1932, 0.3750,
0.3561

27.4648, 0.4671,
0.3798

47.0375, 0.3516,
0.3471

24.0731, 0.5028,
0.3834


53.5540, 0.3316,
0.3383

21.2270, 0.5375,
0.3829

60.7638, 0.3147,
0.3300


18.8940, 0.5681,
0.3775

68.6870, 0.3004,
0.3223

 17.2424, 0.5900,
0.3697

 77.3430, 0.2882,
0.3153

 86.0757, 0.2832,
0.3192

 91.8642, 0.2838,
0.3289

Harmonies

Analogous

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



35.9972, 0.3903, 0.3293



35.9972, 0.4022, 0.3651



35.9972, 0.3882, 0.3953

Triad

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



35.9972, 0.4022, 0.3651



35.9972, 0.2688, 0.3653



35.9972, 0.2687, 0.2576

Complementary

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



35.9972, 0.4022, 0.3651



40.3645, 0.2502, 0.2890

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.



35.9972, 0.2405, 0.2616



35.9972, 0.4022, 0.3651



35.9972, 0.2404, 0.3210

Square

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



35.9972, 0.4022, 0.3651



35.9972, 0.3100, 0.3996



35.9972, 0.2306, 0.2834



35.9972, 0.3103, 0.2700

Rectangle

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



35.9972, 0.4022, 0.3651



35.9972, 0.3670, 0.4073



35.9972, 0.2306, 0.2834



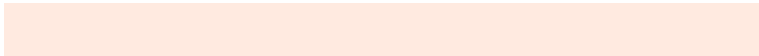
35.9972, 0.2575, 0.2570

Sweetspot

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



35.9989, 0.4022, 0.3651



85.7831, 0.3332, 0.3390



30.0545, 0.3461, 0.2572



18.0514, 0.3357, 0.3402



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.



35.9989, 0.4022, 0.3651



51.3683, 0.4310, 0.3728



51.5171, 0.3810, 0.4139



11.8073, 0.3282, 0.3367



10.7747, 0.5874, 0.3718



0.6946, 0.5489, 0.4024

Inverse Universe

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



40.3645, 0.2502, 0.2890



59.3583, 0.2374, 0.2781



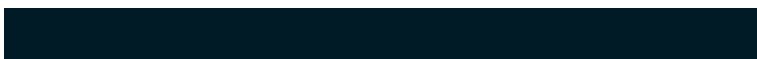
26.2925, 0.2402, 0.2262



12.0799, 0.2983, 0.3212



14.1452, 0.1940, 0.2185



0.8649, 0.2007, 0.2426

Previews

White Background



This preview shows how the Yxy color 35.9972, 0.4022, 0.3651 looks on a white background.

Color Contrast Check

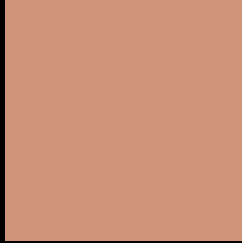
Large Text (above 18pt) WCAG AA × Fail

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 35.9972, 0.4022, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

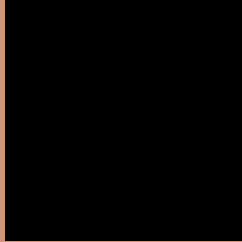
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9972, 0.4022, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 35.9972, 0.4022, 0.3651.



This preview shows how white text looks on a background with the Yxy color 35.9972, 0.4022, 0.3651.

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

35.9972, 0.4022, 0.3651

Protanopia

36.2572, 0.3558, 0.3795

Deuteranopia

36.0052, 0.3853, 0.3765



Tritanopia

35.8684, 0.3708, 0.3153

Trichromacy



Original Color

35.9972, 0.4022, 0.3651

Protanomaly

35.9089, 0.3721, 0.3736

Deuteranomaly

36.0088, 0.3916, 0.3730

Tritanomaly

35.9508, 0.3821, 0.3330

Monochromacy



Original Color

35.9972, 0.4022, 0.3651

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1755, 0.3430, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9972, 0.4022, 0.3651 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(206, 149, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 149, 121) }
```

Border

The CSS property to change the border of an element to Yxy 35.9972, 0.4022, 0.3651 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, 121) }
```

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

```
.border{ border-color:rgb(206, 149, 121) }
```

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, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 149, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 149, 121);  
box-shadow:4px 4px 4px 4px rgb(206, 149,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9972, 0.4022, 0.3651 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, 121) }
```

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

```
.background{ background-color: rgb(206,  
149, 121) }
```

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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