

Converting Colors

Yxy(34.6351, 0.4022, 0.3589)

Have a look what the booklet for
Yxy(34.6351, 0.4022, 0.3589)
contains.

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Color

Yxy(34.6351, 0.4022, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	CD917A
RGB	205, 145, 122
RGB Percent	80%, 57%, 48%
CMY	0.1961, 0.4313, 0.5215
CMYK	0.00, 0.29, 0.40, 0.20
HSL	17°, 45%, 64%
HSV	17°, 40%, 80%
XYZ	38.8137, 34.6351, 23.0547
YIQ	160.3180, 43.1430, 5.5670

Conversions

Conversions Part 2

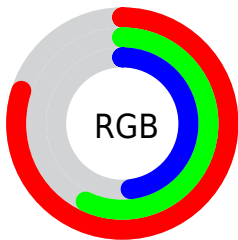
Format	Color
R _Y B	205, 154, 122
Decimal	13472122
CIE Lab	65.46, 19.82, 21.25
CIE LCh	65, 29.056, 46.997
Yxy	34.6351, 0.4022, 0.3589
Android (android.graphics.Color)	4291662202 (0xFFCD917A)
YUV	160.3180, -18.8908, 39.1861
Hunter-Lab	58.8516, 14.7337, 17.9697

Details

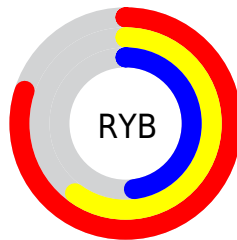
The Yxy color **34.6351, 0.4022, 0.3589** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9982, 0.2524, 0.2963**, and the grayscale version is **35.3833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2020, 0.3770, 0.3542**, and **14.8760, 0.4322, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **29.9437, 0.4344, 0.3658**, and if you desaturate by 10%, it is **40.0277, 0.3742, 0.3513**.

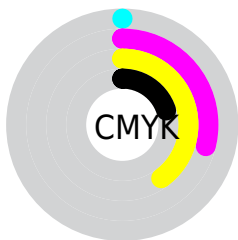
Distribution



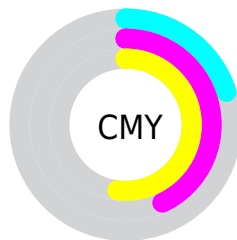
- Red (80%)
- Green (57%)
- Blue (48%)



- Red (80%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (20%)





- Cyan (20%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6351, 0.4022, 0.3589 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 34.6351, 0.4022, 0.3589 by changing the saturation by 10% instead.

 34.6351, 0.4022,
0.3589


 34.6351, 0.4022,
0.3589


322.9547, 0.3549,
0.3449


 23.3819, 0.4147,
0.3619


 66.9201, 0.3844,
0.3541

 14.8758, 0.4312,
0.3654


 88.7207, 0.3779,
0.3522

 8.7322, 0.4538,
0.3693


 114.8059, 0.3725,
0.3506

 4.5670, 0.4860,
0.3730

145.5601, 0.3679,
0.3491

 1.9955, 0.5460,
0.3816

181.3677, 0.3640,
0.3479

 0.6049, 0.6405,
0.3595

222.6131, 0.3605,

 0.0000, 1.0000,

0.3468

0.0000

269.6806, 0.3575,
0.3458

0.0000, 0.0000,
0.0000

34.6351, 0.4022,
0.3589

34.6351, 0.4022,
0.3589

29.9437, 0.4344,
0.3658

40.0277, 0.3742,
0.3513

25.9190, 0.4703,
0.3713

46.1441, 0.3504,
0.3437

22.5310, 0.5083,
0.3741


53.0120, 0.3303,
0.3363


19.7451, 0.5456,
0.3732


60.6564, 0.3135,
0.3293

17.5231, 0.5782,
0.3678

69.1007, 0.2993,
0.3229

 15.8859, 0.6028,
0.3596

 78.3675, 0.2874,
0.3170

 87.7836, 0.2828,
0.3224

 91.7179, 0.2832,
0.3289

Harmonies

Analogous

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



34.6351, 0.3856, 0.3228



34.6351, 0.4022, 0.3589



34.6351, 0.3926, 0.3908

Triad

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



34.6351, 0.4022, 0.3589



34.6351, 0.2754, 0.3728



34.6351, 0.2623, 0.2569

Complementary

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



34.6351, 0.4022, 0.3589



41.9982, 0.2524, 0.2963

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.



34.6351, 0.2372, 0.2640



34.6351, 0.4022, 0.3589



34.6351, 0.2441, 0.3289

Square

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



34.6351, 0.4022, 0.3589



34.6351, 0.3180, 0.4035



34.6351, 0.2308, 0.2890



34.6351, 0.3022, 0.2666

Rectangle

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



34.6351, 0.4022, 0.3589



34.6351, 0.3735, 0.4051



34.6351, 0.2308, 0.2890



34.6351, 0.2520, 0.2573

Sweetspot

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



34.6368, 0.4022, 0.3589



84.8741, 0.3334, 0.3375



30.3125, 0.3406, 0.2538



17.8385, 0.3360, 0.3384



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.



34.6368, 0.4022, 0.3589



49.6685, 0.4315, 0.3653



49.3448, 0.3815, 0.4077



11.7114, 0.3283, 0.3355



10.0293, 0.6002, 0.3616



0.6471, 0.5608, 0.3929

Inverse Universe

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



41.9982, 0.2524, 0.2963



63.3500, 0.2403, 0.2875



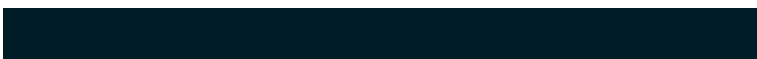
27.7053, 0.2428, 0.2349



12.1808, 0.2983, 0.3224



16.1314, 0.1992, 0.2371



0.9555, 0.2048, 0.2572

Previews

White Background



This preview shows how the Yxy color 34.6351, 0.4022, 0.3589 looks on a white background.

Color Contrast Check

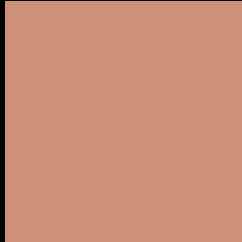
Large Text (above 18pt) WCAG AA × Fail

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 34.6351, 0.4022, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

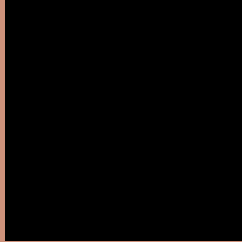
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6351, 0.4022, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 34.6351, 0.4022, 0.3589.



This preview shows how white text looks on a background with the Yxy color 34.6351, 0.4022, 0.3589.

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

34.6351, 0.4022, 0.3589

Protanopia

34.7898, 0.3517, 0.3746

Deuteranopia

34.8543, 0.3811, 0.3733



Tritanopia

34.7266, 0.3740, 0.3152

Trichromacy



Original Color

34.6351, 0.4022, 0.3589

Protanomaly

34.5626, 0.3692, 0.3686

Deuteranomaly

34.6625, 0.3889, 0.3683

Tritanomaly

34.5345, 0.3848, 0.3305

Monochromacy



Original Color

34.6351, 0.4022, 0.3589

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7481, 0.3426, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6351, 0.4022, 0.3589 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(205, 145, 122)` looks like.

```
.text, #text, p{  
    color:rgb(205, 145, 122)  
}
```

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(205, 145, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 145, 122) }
```

Border

The CSS property to change the border of an element to Yxy 34.6351, 0.4022, 0.3589 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(205, 145, 122) }
```

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

```
.border{ border-color:rgb(205, 145, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 145, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 145, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 145, 122);  
box-shadow:4px 4px 4px 4px rgb(205, 145,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6351, 0.4022, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 145, 122) }
```

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

```
.background{ background-color: rgb(205,  
145, 122) }
```

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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