

Converting Colors

$Yxy(36.1371, 0.3798, 0.3640)$

Have a look what the booklet for
Yxy(36.1371, 0.3798, 0.3640)
contains.

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Color

Yxy(36.1390, 0.3799, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	C29A80
RGB	194, 154, 128
RGB Percent	76%, 60%, 50%
CMY	0.2391, 0.3961, 0.4980
CMYK	0.00, 0.21, 0.34, 0.24
HSL	24°, 35%, 63%
HSV	24°, 34%, 76%
XYZ	37.7072, 36.1390, 25.4095
YIQ	162.9960, 32.1860, 0.3940

Conversions

Conversions Part 2

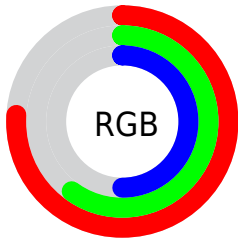
Format	Color
RYB	194, 171, 128
Decimal	12753536
CIELab	66.63, 11.25, 19.33
CIElCh	67, 22.360, 59.800
Yxy	36.1390, 0.3799, 0.3641
Android (android.graphics.Color)	4290943616 (0xFFC29A80)
YUV	162.9960, -17.2530, 27.1905
Hunter-Lab	60.1157, 6.7606, 17.0206

Details

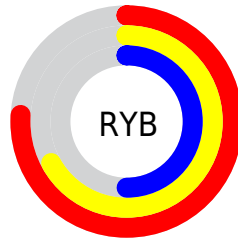
The Yxy color **36.1390, 0.3799, 0.3641** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5090, 0.2601, 0.2908**, and the grayscale version is **36.6975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1434, 0.3671, 0.3573**, and **15.7540, 0.4006, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **31.9821, 0.4064, 0.3746**, and if you desaturate by 10%, it is **40.7778, 0.3566, 0.3534**.

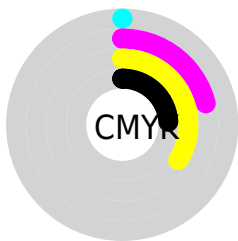
Distribution



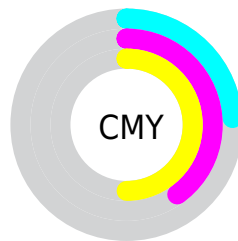
- Red (76%)
- Green (60%)
- Blue (50%)



- Red (76%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1390, 0.3799, 0.3641 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 36.1390, 0.3799, 0.3641 by changing the saturation by 10% instead.

 36.1390, 0.3799,
0.3641


 36.1390, 0.3799,
0.3641


329.5677, 0.3447,
0.3467


 24.5416, 0.3892,
0.3683


 69.2466, 0.3667,
0.3579

 15.7358, 0.4013,
0.3736


 91.5255, 0.3619,
0.3555

 9.3374, 0.4179,
0.3803


 118.1337, 0.3579,
0.3535

 4.9619, 0.4417,
0.3888

149.4555, 0.3544,
0.3517

 2.2249, 0.4807,
0.4015

185.8755, 0.3515,
0.3502

 0.7335, 0.5716,
0.4284

227.7779, 0.3489,

 0.0000, 0.0000,

0.3489

0.0000

275.5472, 0.3467,
0.3477

■ 36.1390, 0.3799,
0.3641

■ 36.1390, 0.3799,
0.3641

■ 31.9821, 0.4064,
0.3746

■ 40.7778, 0.3566,
0.3534

■ 28.2855, 0.4360,
0.3840

■ 45.9091, 0.3364,
0.3429

■ 25.0334, 0.4677,
0.3914

■ 51.5493, 0.3190,
0.3329

■ 22.2068, 0.5002,
0.3954


■ 57.7127, 0.3041,
0.3235

■ 19.7853, 0.5311,
0.3949


■ 64.4128, 0.2914,
0.3149


 17.7457, 0.5579,
0.3891

 71.6627, 0.2804,
0.3070

 16.6938, 0.5720,
0.3840

 78.8934, 0.2756,
0.3089

 85.9081, 0.2767,
0.3216

 90.2145, 0.2773,
0.3289

Harmonies

Analogous

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



36.1390, 0.3755, 0.3369



36.1390, 0.3799, 0.3641



36.1390, 0.3653, 0.3841

Triad

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



36.1390, 0.3799, 0.3641



36.1390, 0.2727, 0.3485



36.1390, 0.2864, 0.2748

Complementary

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



36.1390, 0.3799, 0.3641



36.5090, 0.2601, 0.2908

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.



36.1390, 0.2612, 0.2750



36.1390, 0.3799, 0.3641



36.1390, 0.2537, 0.3157

Square

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



36.1390, 0.3799, 0.3641



36.1390, 0.3028, 0.3767



36.1390, 0.2496, 0.2892



36.1390, 0.3199, 0.2872

Rectangle

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



36.1390, 0.3799, 0.3641



36.1390, 0.3474, 0.3898



36.1390, 0.2496, 0.2892



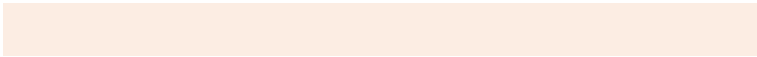
36.1390, 0.2767, 0.2733

Sweetspot

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



36.1407, 0.3799, 0.3641



86.9866, 0.3293, 0.3389



29.7668, 0.3434, 0.2754



18.7339, 0.3319, 0.3404



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.



36.1407, 0.3799, 0.3641



59.6364, 0.3998, 0.3721



48.2917, 0.3664, 0.4041



10.7137, 0.3279, 0.3381



11.1207, 0.5697, 0.3859



0.6149, 0.5286, 0.4185

Inverse Universe

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



36.5090, 0.2601, 0.2908



60.3859, 0.2486, 0.2806



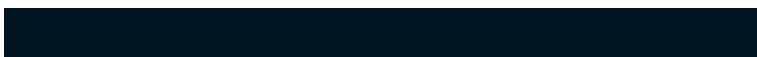
26.0109, 0.2536, 0.2407



10.7414, 0.2984, 0.3197



11.1890, 0.1878, 0.1961



0.6146, 0.1970, 0.2290

Previews

White Background



This preview shows how the Yxy color 36.1390, 0.3799, 0.3641 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 36.1390, 0.3799, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

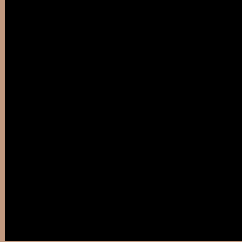
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1390, 0.3799, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 36.1390, 0.3799, 0.3641.



This preview shows how white text looks on a background with the Yxy color 36.1390, 0.3799, 0.3641.

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

36.1390, 0.3799, 0.3641

Protanopia

36.2773, 0.3500, 0.3724

Deuteranopia

36.2826, 0.3748, 0.3673



Tritanopia

35.9384, 0.3506, 0.3134

Trichromacy



Original Color

36.1390, 0.3799, 0.3641

Protanomaly

36.1383, 0.3602, 0.3686

Deuteranomaly

36.0776, 0.3763, 0.3659

Tritanomaly

36.0389, 0.3614, 0.3318

Monochromacy



Original Color

36.1390, 0.3799, 0.3641

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3423, 0.3356, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1390, 0.3799, 0.3641 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(194, 154, 128)` looks like.

```
.text, #text, p{  
    color:rgb(194, 154, 128)  
}
```

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(194, 154, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 154, 128) }
```

Border

The CSS property to change the border of an element to Yxy 36.1390, 0.3799, 0.3641 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(194, 154, 128) }
```

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

```
.border{ border-color:rgb(194, 154, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 154, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 154, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 154, 128);  
box-shadow:4px 4px 4px 4px rgb(194, 154,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1390, 0.3799, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 154, 128) }
```

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

```
.background{ background-color: rgb(194,  
154, 128) }
```

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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