

Converting Colors

$Yxy(34.9984, 0.3713, 0.3694)$

Have a look what the booklet for
Yxy(34.9984, 0.3713, 0.3694)
contains.

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Color

Yxy(35.1394, 0.3709, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	B89B7E
RGB	184, 155, 126
RGB Percent	72%, 61%, 49%
CMY	0.2784, 0.3921, 0.5060
CMYK	0.00, 0.16, 0.32, 0.28
HSL	30°, 29%, 61%
HSV	30°, 32%, 72%
XYZ	35.2535, 35.1394, 24.6556
YIQ	160.3650, 26.5930, -2.8710

Conversions

Conversions Part 2

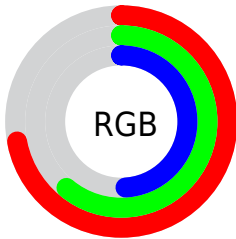
Format	Color
RYB	184, 184, 126
Decimal	12098430
CIELab	65.86, 6.41, 19.23
CIElCh	66, 20.271, 71.556
Yxy	35.1394, 0.3709, 0.3697
Android (android.graphics.Color)	4290288510 (0xFFB89B7E)
YUV	160.3650, -16.9419, 20.7279
Hunter-Lab	59.2785, 2.4182, 16.8346

Details

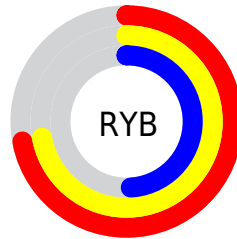
The Yxy color **35.1394, 0.3709, 0.3697** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.3288, 0.2630, 0.2844**, and the grayscale version is **35.4018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5564, 0.3596, 0.3614**, and **15.1823, 0.3892, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **31.7638, 0.3943, 0.3830**, and if you desaturate by 10%, it is **38.8387, 0.3499, 0.3563**.

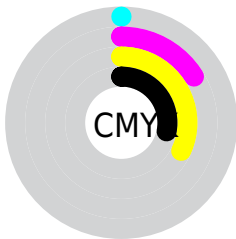
Distribution



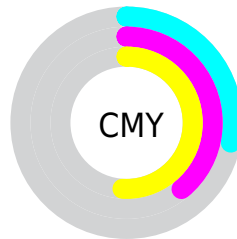
- Red (72%)
- Green (61%)
- Blue (49%)



- Red (72%)
- Yellow (72%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (28%)




- Cyan (28%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1394, 0.3709, 0.3697 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 35.1394, 0.3709, 0.3697 by changing the saturation by 10% instead.


 35.1394, 0.3709,
0.3697


 35.1394, 0.3709,
0.3697


325.1832, 0.3404,
0.3490

 23.7703, 0.3790,
0.3749


 67.7017, 0.3595,
0.3621

 15.1633, 0.3895,
0.3816


 89.6636, 0.3553,
0.3593

 8.9341, 0.4040,
0.3904


 115.9252, 0.3518,
0.3569

 4.6982, 0.4247,
0.4024

146.8710, 0.3488,
0.3548

 2.0713, 0.4611,
0.4231

182.8853, 0.3462,
0.3531

 0.6484, 0.5438,
0.4562


224.3525, 0.3440,

 0.0000, 0.0000,


0.3515

0.0000

271.6570, 0.3421,
0.3502

 35.1394, 0.3709,
0.3697


 35.1394, 0.3709,
0.3697

 31.7638, 0.3943,
0.3830


 38.8387, 0.3499,
0.3563


 28.6971, 0.4197,
0.3953


 42.8662, 0.3313,
0.3432


 25.9303, 0.4467,
0.4058


 47.2326, 0.3150,
0.3308


 23.4520, 0.4740,
0.4132


 51.9464, 0.3008,
0.3192

 21.2498, 0.5001,
0.4163

 57.0159, 0.2884,
0.3085


 19.3096, 0.5233,
0.4142

 62.4489, 0.2776,
0.2986

 17.8537, 0.5406,
0.4090

 68.2532, 0.2681,
0.2895

 73.2093, 0.2691,
0.2998

 78.4206, 0.2702,
0.3101

Harmonies

Analogous

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



35.1394, 0.3738, 0.3467



35.1394, 0.3709, 0.3697



35.1394, 0.3519, 0.3833

Triad

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



35.1394, 0.3709, 0.3697



35.1394, 0.2677, 0.3351



35.1394, 0.3002, 0.2823

Complementary

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



35.1394, 0.3709, 0.3697



31.3288, 0.2630, 0.2844

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.



35.1394, 0.2733, 0.2778



35.1394, 0.3709, 0.3697



35.1394, 0.2553, 0.3064

Square

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



35.1394, 0.3709, 0.3697



35.1394, 0.2921, 0.3636



35.1394, 0.2573, 0.2860



35.1394, 0.3318, 0.2977

Rectangle

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



35.1394, 0.3709, 0.3697



35.1394, 0.3332, 0.3841



35.1394, 0.2573, 0.2860



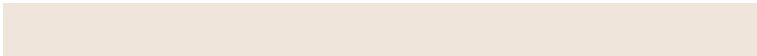
35.1394, 0.2903, 0.2795

Sweetspot

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



35.1410, 0.3709, 0.3697



79.5355, 0.3272, 0.3402



27.4730, 0.3482, 0.2887



16.9057, 0.3297, 0.3421



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.1410, 0.3709, 0.3697



59.2951, 0.3873, 0.3792



45.9779, 0.3596, 0.4065



9.7346, 0.3276, 0.3405



12.4460, 0.5387, 0.4105



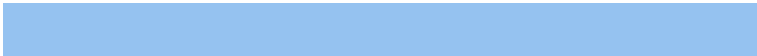
0.5625, 0.5001, 0.4411

Inverse Universe

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



31.3288, 0.2630, 0.2844



51.2691, 0.2515, 0.2724



22.8110, 0.2575, 0.2377



9.4410, 0.2985, 0.3173



7.7959, 0.1778, 0.1599



0.3986, 0.1909, 0.2070

Previews

White Background



This preview shows how the Yxy color 35.1394, 0.3709, 0.3697 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 35.1394, 0.3709, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

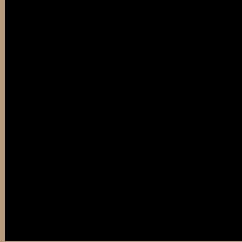
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1394, 0.3709, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 35.1394, 0.3709, 0.3697.



This preview shows how white text looks on a background with the Yxy color 35.1394, 0.3709, 0.3697.

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

35.1394, 0.3709, 0.3697

Protanopia

35.2462, 0.3524, 0.3759

Deuteranopia

35.1824, 0.3745, 0.3679



Tritanopia

35.1127, 0.3401, 0.3129

Trichromacy



Original Color

35.1394, 0.3709, 0.3697

Protanomaly

35.1000, 0.3592, 0.3738

Deuteranomaly

35.0567, 0.3734, 0.3680

Tritanomaly

35.1912, 0.3517, 0.3332

Monochromacy



Original Color

35.1394, 0.3709, 0.3697

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0269, 0.3329, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1394, 0.3709, 0.3697 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(184, 155, 126)` looks like.

```
.text, #text, p{  
    color:rgb(184, 155, 126)  
}
```

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(184, 155, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 155, 126) }
```

Border

The CSS property to change the border of an element to Yxy 35.1394, 0.3709, 0.3697 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(184, 155, 126) }
```

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

```
.border{ border-color:rgb(184, 155, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 155, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 155, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 155, 126);  
box-shadow:4px 4px 4px 4px rgb(184, 155,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1394, 0.3709, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 155, 126) }
```

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

```
.background{ background-color: rgb(184,  
155, 126) }
```

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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