

Converting Colors

$Yxy(39.1998, 0.3486, 0.3569)$

Have a look what the booklet for
Yxy(39.1998, 0.3486, 0.3569)
contains.

Yxy(39.1449, 0.3491, 0.3565)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.1449, 0.3491, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	B8A591
RGB	184, 165, 145
RGB Percent	72%, 65%, 57%
CMY	0.2785, 0.3529, 0.4313
CMYK	0.00, 0.10, 0.21, 0.28
HSL	31°, 22%, 65%
HSV	31°, 21%, 72%
XYZ	38.3324, 39.1449, 32.3261
YIQ	168.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

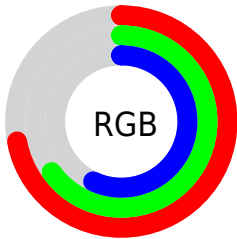
Format	Color
RYB	182, 184, 145
Decimal	12101009
CIELab	68.86, 3.65, 12.88
CIElCh	69, 13.390, 74.163
Yxy	39.1449, 0.3491, 0.3565
Android (android.graphics.Color)	4290291089 (0xFFB8A591)
YUV	168.4010, -11.5367, 13.6803
Hunter-Lab	62.5659, -0.1284, 13.1626

Details

The Yxy color **39.1449, 0.3491, 0.3565** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0303, 0.2797, 0.2998**, and the grayscale version is **39.4173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8352, 0.3418, 0.3513**, and **17.4618, 0.3605, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **35.5037, 0.3698, 0.3702**, and if you desaturate by 10%, it is **43.1081, 0.3307, 0.3432**.

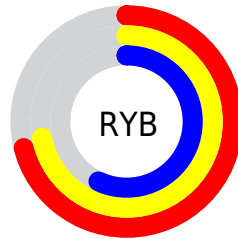
Distribution



Red (72%)

Green (65%)

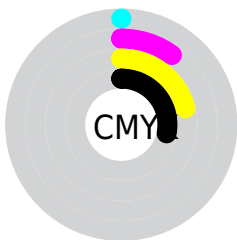
Blue (57%)



Red (71%)

Yellow (72%)

Blue (57%)

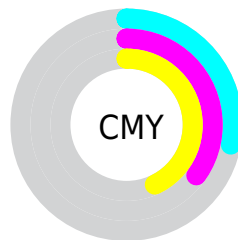


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1449, 0.3491, 0.3565 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 39.1449, 0.3491, 0.3565 by changing the saturation by 10% instead.

 39.1449, 0.3491,
0.3565


 39.1449, 0.3491,
0.3565


342.5061, 0.3303,
0.3425

 26.8725, 0.3540,
0.3600


 73.8596, 0.3421,
0.3514

 17.4775, 0.3603,
0.3646


 97.0707, 0.3396,
0.3495

 10.5755, 0.3690,
0.3708


124.6968, 0.3374,
0.3479

 5.7822, 0.3814,
0.3794

157.1223, 0.3356,
0.3465

 2.7131, 0.4007,
0.3922

194.7316, 0.3340,
0.3453

 0.9838, 0.4733,
0.4503

237.9090, 0.3326,

 0.0000, 0.0000,

0.3442

0.0000

287.0391, 0.3314,
0.3433

■ 39.1449, 0.3491,
0.3565

■ 39.1449, 0.3491,
0.3565

■ 35.5037, 0.3698,
0.3702

■ 43.1081, 0.3307,
0.3432

■ 32.1702, 0.3929,
0.3838

■ 47.3966, 0.3145,
0.3305

■ 29.1367, 0.4179,
0.3965

■ 52.0203, 0.3003,
0.3186

■ 26.3928, 0.4443,
0.4074

■ 56.9872, 0.2880,
0.3076

■ 23.9278, 0.4711,
0.4152

■ 62.3049, 0.2772,
0.2975

■ 21.7297, 0.4966,
0.4187

■ 67.9546, 0.2680,
0.2886

■ 19.7850, 0.5193,
0.4170

■ 72.7506, 0.2690,
0.2988

■ 18.2630, 0.5369,
0.4119

■ 77.8022, 0.2700,
0.3089

■ 83.1129, 0.2711,
0.3188

Harmonies

Analogous

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



39.1449, 0.3517, 0.3424



39.1449, 0.3491, 0.3565



39.1449, 0.3365, 0.3638

Triad

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



39.1449, 0.3491, 0.3565



39.1449, 0.2827, 0.3315



39.1449, 0.3067, 0.2992

Complementary

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



39.1449, 0.3491, 0.3565



36.0303, 0.2797, 0.2998

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.



39.1449, 0.2887, 0.2957



39.1449, 0.3491, 0.3565



39.1449, 0.2752, 0.3137

Square

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



39.1449, 0.3491, 0.3565



39.1449, 0.2981, 0.3493



39.1449, 0.2774, 0.3008



39.1449, 0.3268, 0.3099

Rectangle

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



39.1449, 0.3491, 0.3565



39.1449, 0.3244, 0.3633



39.1449, 0.2774, 0.3008



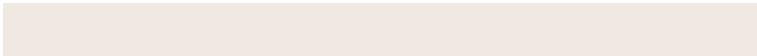
39.1449, 0.3002, 0.2971

Sweetspot

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



39.1467, 0.3491, 0.3565



82.0319, 0.3222, 0.3366



33.1413, 0.3343, 0.3024



17.5767, 0.3232, 0.3374



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.



39.1467, 0.3491, 0.3565



68.1064, 0.3576, 0.3623



46.5126, 0.3442, 0.3810



9.7535, 0.3275, 0.3407



12.7298, 0.5350, 0.4134



0.5722, 0.4976, 0.4431

Inverse Universe

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



36.0303, 0.2797, 0.2998



61.5315, 0.2728, 0.2932



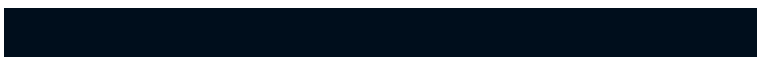
29.7341, 0.2777, 0.2711



9.4221, 0.2985, 0.3170



7.5208, 0.1766, 0.1557



0.3891, 0.1899, 0.2038

Previews

White Background



This preview shows how the Yxy color 39.1449, 0.3491, 0.3565 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 39.1449, 0.3491, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

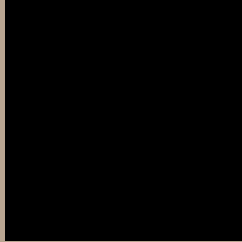
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

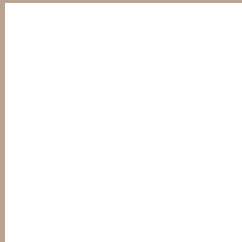
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1449, 0.3491, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 39.1449, 0.3491, 0.3565.



This preview shows how white text looks on a background with the Yxy color 39.1449, 0.3491, 0.3565.

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

39.1449, 0.3491, 0.3565

Protanopia

39.3107, 0.3396, 0.3599

Deuteranopia

39.1225, 0.3570, 0.3505



Tritanopia

39.1982, 0.3278, 0.3132

Trichromacy



Original Color

39.1449, 0.3491, 0.3565

Protanomaly

39.2965, 0.3428, 0.3582

Deuteranomaly

39.0885, 0.3537, 0.3521

Tritanomaly

39.0498, 0.3359, 0.3277

Monochromacy



Original Color

39.1449, 0.3491, 0.3565

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1742, 0.3253, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1449, 0.3491, 0.3565 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, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 165, 145)  
}
```

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, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 165, 145) }
```

Border

The CSS property to change the border of an element to Yxy 39.1449, 0.3491, 0.3565 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, 165, 145) }
```

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

```
.border{ border-color:rgb(184, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 165, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 165, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 165,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1449, 0.3491, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 165, 145) }
```

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

```
.background{ background-color: rgb(184,  
165, 145) }
```

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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