

Converting Colors

$Yxy(38.5155, 0.3356, 0.3391)$

Have a look what the booklet for
Yxy(38.5155, 0.3356, 0.3391)
contains.

Yxy(38.2980, 0.3354, 0.3387)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.2980, 0.3354, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	B4A39C
RGB	180, 163, 156
RGB Percent	71%, 64%, 61%
CMY	0.2940, 0.3608, 0.3882
CMYK	0.00, 0.09, 0.13, 0.29
HSL	17°, 14%, 66%
HSV	17°, 13%, 71%
XYZ	37.9249, 38.2980, 36.8507
YIQ	167.2850, 12.3790, 1.4270

Conversions

Conversions Part 2

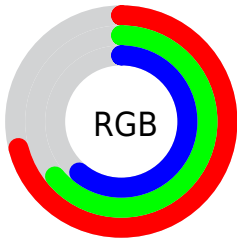
Format	Color
RYB	180, 166, 156
Decimal	11838364
CIELab	68.24, 5.00, 5.86
CIELCh	68, 7.704, 49.560
Yxy	38.2980, 0.3354, 0.3387
Android (android.graphics.Color)	4290028444 (0xFFB4A39C)
YUV	167.2850, -5.5635, 11.1511
Hunter-Lab	61.8854, 1.0897, 8.0146

Details

The Yxy color **38.2980, 0.3354, 0.3387** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2672, 0.2924, 0.3191**, and the grayscale version is **38.8152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6288, 0.3314, 0.3376**, and **16.9008, 0.3423, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **33.4275, 0.3561, 0.3465**, and if you desaturate by 10%, it is **43.7199, 0.3179, 0.3313**.

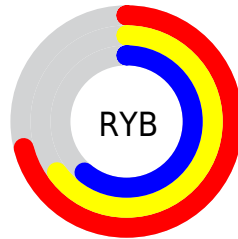
Distribution



Red (71%)

Green (64%)

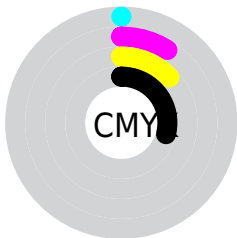
Blue (61%)



Red (71%)

Yellow (65%)

Blue (61%)

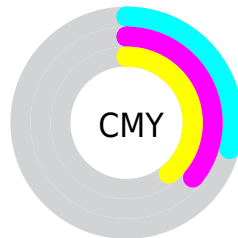


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2980, 0.3354, 0.3387 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 38.2980, 0.3354, 0.3387 by changing the saturation by 10% instead.

 38.2980, 0.3354,
0.3387


 38.2980, 0.3354,
0.3387


338.8966, 0.3236,
0.3338

 26.2141, 0.3385,
0.3399


 72.5647, 0.3310,
0.3369

 16.9838, 0.3425,
0.3416


 95.5162, 0.3294,
0.3362

 10.2230, 0.3481,
0.3437


122.8590, 0.3281,
0.3357

 5.5470, 0.3562,
0.3468

154.9775, 0.3269,
0.3352

 2.5717, 0.3691,
0.3514

192.2562, 0.3259,
0.3348

 0.9124, 0.4001,
0.3659

235.0793, 0.3251,

 0.0000, 0.0000,

0.3344

0.0000

283.8313, 0.3243,
0.3341

■ 38.2980, 0.3354,
0.3387

■ 38.2980, 0.3354,
0.3387

■ 33.4275, 0.3561,
0.3465

■ 43.7199, 0.3179,
0.3313

■ 29.0859, 0.3806,
0.3545

■ 49.7049, 0.3032,
0.3245

■ 25.2564, 0.4091,
0.3622

■ 56.2704, 0.2908,
0.3182

■ 21.9196, 0.4415,
0.3692

■ 63.4319, 0.2803,
0.3125

■ 19.0547, 0.4772,
0.3744

■ 71.2040, 0.2714,
0.3073

■ 16.6392, 0.5144,
0.3767

■ 79.0058, 0.2682,
0.3120

■ 14.6487, 0.5501,
0.3750

■ 86.7713, 0.2698,
0.3260

■ 13.0561, 0.5807,
0.3689

■ 88.4460, 0.2701,
0.3289

■ 12.1946, 0.5980,
0.3633

Harmonies

Analogous

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



38.2980, 0.3317, 0.3289



38.2980, 0.3354, 0.3387



38.2980, 0.3328, 0.3462

Triad

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



38.2980, 0.3354, 0.3387



38.2980, 0.3024, 0.3390



38.2980, 0.3005, 0.3095

Complementary

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



38.2980, 0.3354, 0.3387



40.2672, 0.2924, 0.3191

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.



38.2980, 0.2929, 0.3117



38.2980, 0.3354, 0.3387



38.2980, 0.2940, 0.3287

Square

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



38.2980, 0.3354, 0.3387



38.2980, 0.3137, 0.3466



38.2980, 0.2906, 0.3187



38.2980, 0.3114, 0.3123

Rectangle

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



38.2980, 0.3354, 0.3387



38.2980, 0.3280, 0.3488



38.2980, 0.2906, 0.3187



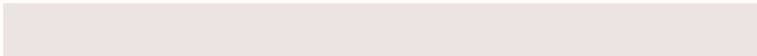
38.2980, 0.2974, 0.3097

Sweetspot

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



38.2997, 0.3354, 0.3387



78.4991, 0.3191, 0.3319



36.5126, 0.3204, 0.3056



16.8018, 0.3203, 0.3324



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.2997, 0.3354, 0.3387



66.7314, 0.3411, 0.3410



42.6968, 0.3332, 0.3546



8.8947, 0.3280, 0.3357



8.6114, 0.5959, 0.3651



0.3741, 0.5402, 0.4092

Inverse Universe

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



40.2672, 0.2924, 0.3191



70.9944, 0.2880, 0.3167



35.9300, 0.2920, 0.3020



9.2056, 0.2986, 0.3222



13.1300, 0.1980, 0.2329



0.5077, 0.2064, 0.2628

Previews

White Background



This preview shows how the Yxy color 38.2980, 0.3354, 0.3387 looks on a white background.

Color Contrast Check

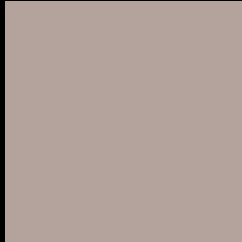
Large Text (above 18pt) WCAG AA × Fail

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 38.2980, 0.3354, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

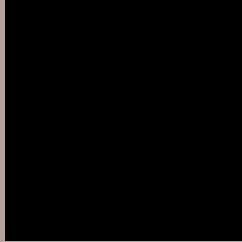
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

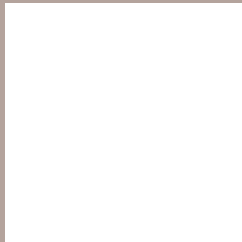
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2980, 0.3354, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 38.2980, 0.3354, 0.3387.



This preview shows how white text looks on a background with the Yxy color 38.2980, 0.3354, 0.3387.

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

38.2980, 0.3354, 0.3387

Protanopia

38.3990, 0.3244, 0.3403

Deuteranopia

38.3291, 0.3417, 0.3359



Tritanopia

38.1038, 0.3221, 0.3115

Trichromacy



Original Color

38.2980, 0.3354, 0.3387

Protanomaly

38.3433, 0.3283, 0.3403

Deuteranomaly

38.4313, 0.3395, 0.3373

Tritanomaly

38.1035, 0.3265, 0.3209

Monochromacy



Original Color

38.2980, 0.3354, 0.3387

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6874, 0.3209, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2980, 0.3354, 0.3387 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(180, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 156)  
}
```

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(180, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 156) }
```

Border

The CSS property to change the border of an element to Yxy 38.2980, 0.3354, 0.3387 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(180, 163, 156) }
```

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

```
.border{ border-color:rgb(180, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2980, 0.3354, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 156) }
```

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

```
.background{ background-color: rgb(180,  
163, 156) }
```

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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