

Converting Colors

$Yxy(39.4978, 0.3288, 0.3376)$

Have a look what the booklet for
Yxy(39.4978, 0.3288, 0.3376)
contains.

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Color

Yxy(39.6405, 0.3291, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	B2A7A0
RGB	178, 167, 160
RGB Percent	70%, 65%, 63%
CMY	0.3021, 0.3450, 0.3725
CMYK	0.00, 0.06, 0.10, 0.30
HSL	23°, 10%, 66%
HSV	23°, 10%, 70%
XYZ	38.5169, 39.6405, 38.8798
YIQ	169.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

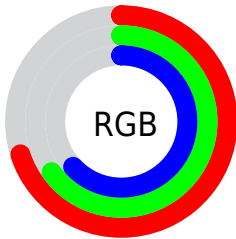
Format	Color
RYB	178, 171, 160
Decimal	11708320
CIELab	69.21, 2.71, 5.03
CIELCh	69, 5.712, 61.688
Yxy	39.6405, 0.3291, 0.3387
Android (android.graphics.Color)	4289898400 (0xFFB2A7A0)
YUV	169.4910, -4.6791, 7.4624
Hunter-Lab	62.9607, -0.9818, 7.4595

Details

The Yxy color **39.6405, 0.3291, 0.3387** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7911, 0.2974, 0.3191**, and the grayscale version is **39.9510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6413, 0.3260, 0.3365**, and **17.7256, 0.3333, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **35.2549, 0.3480, 0.3489**, and if you desaturate by 10%, it is **44.4520, 0.3129, 0.3291**.

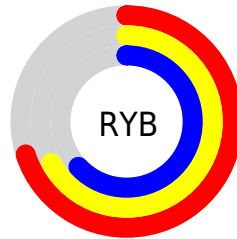
Distribution



Red (70%)

Green (65%)

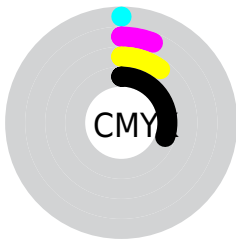
Blue (63%)



Red (70%)

Yellow (67%)

Blue (63%)

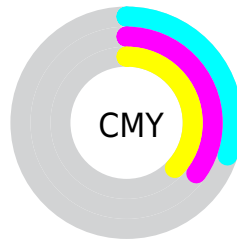


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6405, 0.3291, 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 39.6405, 0.3291, 0.3387 by changing the saturation by 10% instead.

 39.6405, 0.3291,
0.3387

 39.6405, 0.3291,
0.3387


344.6060, 0.3207,
0.3338

 27.2584, 0.3313,
0.3400


 74.6158, 0.3260,
0.3369

 17.7674, 0.3342,
0.3416


 97.9777, 0.3248,
0.3362

 10.7831, 0.3381,
0.3438

125.7683, 0.3238,
0.3356

 5.9212, 0.3437,
0.3470

158.3721, 0.3230,
0.3352

 2.7972, 0.3526,
0.3518

196.1733, 0.3223,
0.3347

 1.0268, 0.3704,
0.3620

239.5564, 0.3217,

 0.0000, 0.0000,

0.3344

0.0000

288.9059, 0.3211,
0.3341

■ 39.6405, 0.3291,
0.3387

■ 39.6405, 0.3291,
0.3387

■ 35.2549, 0.3480,
0.3489

■ 44.4520, 0.3129,
0.3291

■ 31.2779, 0.3699,
0.3595

■ 49.6954, 0.2989,
0.3201

■ 27.6989, 0.3951,
0.3700

■ 55.3835, 0.2870,
0.3119

■ 24.5046, 0.4233,
0.3798

■ 61.5269, 0.2768,
0.3044

■ 21.6812, 0.4542,
0.3881

■ 68.1355, 0.2679,
0.2975

■ 19.2136, 0.4865,
0.3936

■ 74.4373, 0.2662,
0.3035

■ 17.0857, 0.5183,
0.3952

■ 80.7343, 0.2676,
0.3157

■ 15.2796, 0.5472,
0.3917

■ 87.4146, 0.2689,
0.3275

■ 13.7812, 0.5718,
0.3842

■ 88.2001, 0.2691,
0.3289

Harmonies

Analogous

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



39.6405, 0.3282, 0.3320



39.6405, 0.3291, 0.3387



39.6405, 0.3255, 0.3429

Triad

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



39.6405, 0.3291, 0.3387



39.6405, 0.3023, 0.3334



39.6405, 0.3068, 0.3150

Complementary

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



39.6405, 0.3291, 0.3387



39.7911, 0.2974, 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.



39.6405, 0.3000, 0.3152



39.6405, 0.3291, 0.3387



39.6405, 0.2975, 0.3257

Square

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



39.6405, 0.3291, 0.3387



39.6405, 0.3100, 0.3399



39.6405, 0.2966, 0.3191



39.6405, 0.3153, 0.3184

Rectangle

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



39.6405, 0.3291, 0.3387



39.6405, 0.3211, 0.3437



39.6405, 0.2966, 0.3191



39.6405, 0.3043, 0.3147

Sweetspot

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



39.6422, 0.3291, 0.3387



77.9866, 0.3174, 0.3319



37.5459, 0.3200, 0.3139



17.1205, 0.3187, 0.3326



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.



39.6422, 0.3291, 0.3387



70.1767, 0.3329, 0.3408



42.9956, 0.3278, 0.3506



9.0317, 0.3278, 0.3379



9.9804, 0.5698, 0.3858



0.4294, 0.5183, 0.4267

Inverse Universe

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



39.7911, 0.2974, 0.3191



70.4986, 0.2941, 0.3169



36.5617, 0.2973, 0.3064



9.0630, 0.2986, 0.3199



10.1683, 0.1883, 0.1977



0.4294, 0.1996, 0.2384

Previews

White Background



This preview shows how the Yxy color 39.6405, 0.3291, 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 39.6405, 0.3291, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

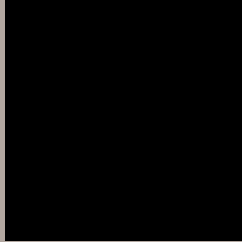
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6405, 0.3291, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 39.6405, 0.3291, 0.3387.



This preview shows how white text looks on a background with the Yxy color 39.6405, 0.3291, 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

39.6405, 0.3291, 0.3387

Protanopia

39.5771, 0.3243, 0.3388

Deuteranopia

39.4590, 0.3386, 0.3318



Tritanopia

39.4285, 0.3163, 0.3115

Trichromacy



Original Color

39.6405, 0.3291, 0.3387

Protanomaly

39.6924, 0.3253, 0.3387

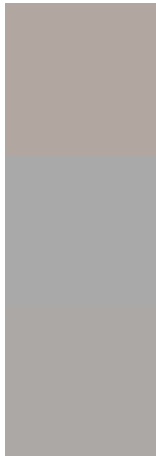
Deuteranomaly

39.3145, 0.3345, 0.3331

Tritanomaly

39.4342, 0.3206, 0.3209

Monochromacy



Original Color

39.6405, 0.3291, 0.3387

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5291, 0.3181, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6405, 0.3291, 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(178, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 160)  
}
```

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(178, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 160) }
```

Border

The CSS property to change the border of an element to Yxy 39.6405, 0.3291, 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(178, 167, 160) }
```

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

```
.border{ border-color:rgb(178, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6405, 0.3291, 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(178, 167, 160) }
```

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

```
.background{ background-color: rgb(178,  
167, 160) }
```

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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