

Converting Colors

$Yxy(30.6227, 0.3422, 0.3757)$

Have a look what the booklet for
Yxy(30.6227, 0.3422, 0.3757)
contains.

Yxy(30.6339, 0.3426, 0.3765)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.6339, 0.3426, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	99987A
RGB	153, 152, 122
RGB Percent	60%, 60%, 48%
CMY	0.4001, 0.4039, 0.5216
CMYK	0.00, 0.01, 0.20, 0.40
HSL	58°, 13%, 54%
HSV	58°, 20%, 60%
XYZ	27.8756, 30.6339, 22.8554
YIQ	148.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

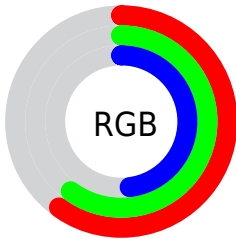
Format	Color
RYB	123, 153, 122
Decimal	10066042
CIELab	62.20, -4.86, 15.96
CIElCh	62, 16.685, 106.928
Yxy	30.6339, 0.3426, 0.3765
Android (android.graphics.Color)	4288256122 (0xFF99987A)
YUV	148.8790, -13.2513, 3.6141
Hunter-Lab	55.3479, -6.9584, 14.2603

Details

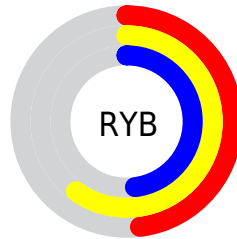
The Yxy color **30.6339, 0.3426, 0.3765** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.5966, 0.2801, 0.2766**, and the grayscale version is **30.0546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6477, 0.3367, 0.3658**, and **12.6132, 0.3533, 0.3931** is the 20% darker color. If you saturate the color by 10%, you get **30.1293, 0.3577, 0.4002**, and if you desaturate by 10%, it is **31.2016, 0.3276, 0.3527**.

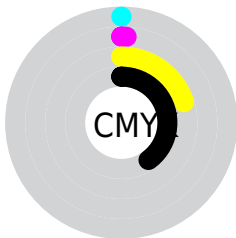
Distribution



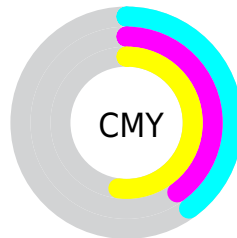
- Red (60%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (40%)





- Cyan (40%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6339, 0.3426, 0.3765 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 30.6339, 0.3426, 0.3765 by changing the saturation by 10% instead.


 30.6339, 0.3426,
0.3765

 30.6339, 0.3426,
0.3765


304.8481, 0.3268,
0.3508


 20.3202, 0.3468,
0.3836

 60.6632, 0.3367,
0.3667

 12.6280, 0.3524,
0.3931

 81.1477, 0.3345,
0.3632

 7.1729, 0.3600,
0.4066

 105.7912, 0.3327,
0.3602

 3.5705, 0.3709,
0.4269

134.9781, 0.3311,
0.3578

 1.4363, 0.4028,
0.4790

169.0929, 0.3298,
0.3557

 0.2433, 0.3164,
0.6836

208.5199, 0.3287,

 0.0000, 0.0000,

0.3538

0.0000

253.6435, 0.3277,
0.3522

■ 30.6339, 0.3426,
0.3765

■ 30.6339, 0.3426,
0.3765

■ 30.1293, 0.3577,
0.4002

■ 31.2016, 0.3276,
0.3527

■ 29.6809, 0.3723,
0.4232

■ 31.8308, 0.3131,
0.3296

■ 29.2870, 0.3861,
0.4445

■ 32.5254, 0.2993,
0.3075

■ 28.9444, 0.3983,
0.4631

■ 33.2878, 0.2863,
0.2867

■ 28.6494, 0.4085,
0.4784

■ 34.1201, 0.2744,
0.2674

■ 28.3979, 0.4163,
0.4897

■ 35.0243, 0.2634,
0.2497

■ 28.1851, 0.4215,
0.4969

■ 36.0027, 0.2535,
0.2335

■ 28.0030, 0.4248,
0.5009

■ 37.0570, 0.2444,
0.2189

■ 37.8836, 0.2387,
0.2097

Harmonies

Analogous

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



30.6339, 0.3609, 0.3672



30.6339, 0.3426, 0.3765



30.6339, 0.3168, 0.3722

Triad

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



30.6339, 0.3426, 0.3765



30.6339, 0.2623, 0.3059



30.6339, 0.3340, 0.3051

Complementary

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



30.6339, 0.3426, 0.3765



20.5966, 0.2801, 0.2766

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.



30.6339, 0.3068, 0.2902



30.6339, 0.3426, 0.3765



30.6339, 0.2663, 0.2898

Square

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



30.6339, 0.3426, 0.3765



30.6339, 0.2710, 0.3298



30.6339, 0.2822, 0.2845



30.6339, 0.3560, 0.3260

Rectangle

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



30.6339, 0.3426, 0.3765



30.6339, 0.2990, 0.3617



30.6339, 0.2822, 0.2845



30.6339, 0.3251, 0.2993

Sweetspot

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



30.6353, 0.3426, 0.3765



56.3431, 0.3215, 0.3431



22.1206, 0.3503, 0.3274



12.4268, 0.3224, 0.3444



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.6353, 0.3426, 0.3765



54.4811, 0.3490, 0.3866



29.6307, 0.3270, 0.3804



7.1895, 0.3261, 0.3503



23.1586, 0.4248, 0.5009



0.3552, 0.4221, 0.5030

Inverse Universe

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



20.5966, 0.2801, 0.2766



33.3876, 0.2723, 0.2641



21.4910, 0.2960, 0.2773



6.0560, 0.2988, 0.3068



1.9967, 0.1508, 0.0627



0.0371, 0.1545, 0.0761

Previews

White Background



This preview shows how the Yxy color 30.6339, 0.3426, 0.3765 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 30.6339, 0.3426, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

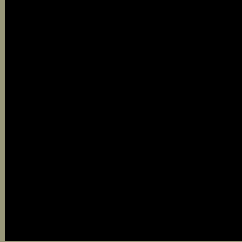
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6339, 0.3426, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 30.6339, 0.3426, 0.3765.



This preview shows how white text looks on a background with the Yxy color 30.6339, 0.3426, 0.3765.

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

30.6339, 0.3426, 0.3765

Protanopia

30.5641, 0.3508, 0.3741

Deuteranopia

30.4004, 0.3665, 0.3586



Tritanopia

30.6397, 0.3125, 0.3110

Trichromacy



Original Color

30.6339, 0.3426, 0.3765

Protanomaly

30.6818, 0.3482, 0.3759

Deuteranomaly

30.4045, 0.3575, 0.3655

Tritanomaly

30.6381, 0.3228, 0.3336

Monochromacy



Original Color

30.6339, 0.3426, 0.3765

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.1608, 0.3232, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6339, 0.3426, 0.3765 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(153, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 152, 122)  
}
```

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(153, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 152, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.6339, 0.3426, 0.3765 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(153, 152, 122) }
```

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

```
.border{ border-color:rgb(153, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 152, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 152, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 152,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6339, 0.3426, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 152, 122) }
```

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

```
.background{ background-color: rgb(153,  
152, 122) }
```

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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