

Converting Colors

Yxy(29.9249, 0.3663, 0.4008)

Have a look what the booklet for
Yxy(29.9249, 0.3663, 0.4008)
contains.

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Color

Yxy(30.0813, 0.3665, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	9E9668
RGB	158, 150, 104
RGB Percent	62%, 59%, 41%
CMY	0.3805, 0.4117, 0.5922
CMYK	0.00, 0.05, 0.34, 0.38
HSL	51°, 22%, 51%
HSV	51°, 34%, 62%
XYZ	27.5001, 30.0813, 17.4530
YIQ	147.1480, 19.5340, -12.6100

Conversions

Conversions Part 2

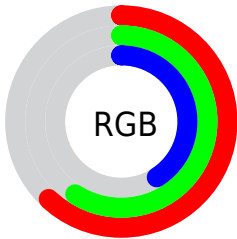
Format	Color
RYB	113, 158, 104
Decimal	10393192
CIELab	61.72, -4.32, 25.36
CIELCh	62, 25.730, 99.660
Yxy	30.0813, 0.3665, 0.4009
Android (android.graphics.Color)	4288583272 (0xFF9E9668)
YUV	147.1480, -21.2720, 9.5172
Hunter-Lab	54.8464, -6.4809, 19.5255

Details

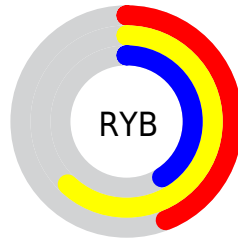
The Yxy color **30.0813, 0.3665, 0.4009** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9869, 0.2548, 0.2450**, and the grayscale version is **29.3244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7322, 0.3554, 0.3857**, and **12.2734, 0.3845, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **29.0560, 0.3829, 0.4214**, and if you desaturate by 10%, it is **31.1842, 0.3500, 0.3796**.

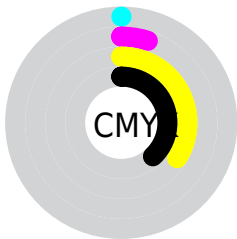
Distribution



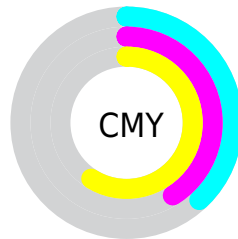
- Red (62%)
- Green (59%)
- Blue (41%)



- Red (44%)
- Yellow (62%)
- Blue (41%)



- Cyan (0%)
- Magenta (5%)
- Yellow (34%)
- Black (38%)





- Cyan (38%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0813, 0.3665, 0.4009 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 30.0813, 0.3665, 0.4009 by changing the saturation by 10% instead.

 30.0813, 0.3665,
0.4009


 30.0813, 0.3665,
0.4009


302.2832, 0.3382,
0.3623


 19.9003, 0.3739,
0.4113


 59.7907, 0.3560,
0.3863


 12.3226, 0.3834,
0.4251


 80.0879, 0.3521,
0.3809

 6.9638, 0.3960,
0.4440


 104.5260, 0.3488,
0.3765

 3.4395, 0.4131,
0.4711

 133.4894, 0.3460,
0.3728

 1.3652, 0.4598,
0.5402

167.3624, 0.3437,
0.3696

 0.1909, 0.2849,
0.7151

206.5294, 0.3416,

 0.0000, 0.0000,

0.3668

0.0000

251.3749, 0.3398,
0.3644

■ 30.0813, 0.3665,
0.4009

■ 30.0813, 0.3665,
0.4009

■ 29.0560, 0.3829,
0.4214

■ 31.1842, 0.3500,
0.3796

■ 28.1007, 0.3988,
0.4402

■ 32.3639, 0.3340,
0.3583

■ 27.2131, 0.4133,
0.4563


■ 33.6246, 0.3188,
0.3374


■ 26.3889, 0.4260,
0.4689


■ 34.9691, 0.3045,
0.3175


■ 25.6232, 0.4362,
0.4774


■ 36.4000, 0.2913,
0.2987

 24.9104, 0.4438,
0.4815

 37.9200, 0.2793,
0.2813

 24.5099, 0.4475,
0.4829

 39.5313, 0.2683,
0.2652

 41.2363, 0.2584,
0.2505

 43.0372, 0.2495,
0.2370

Harmonies

Analogous

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



30.0813, 0.3913, 0.3804



30.0813, 0.3665, 0.4009



30.0813, 0.3281, 0.4014

Triad

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



30.0813, 0.3665, 0.4009



30.0813, 0.2376, 0.3001



30.0813, 0.3353, 0.2863

Complementary

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



30.0813, 0.3665, 0.4009



16.9869, 0.2548, 0.2450

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.



30.0813, 0.2931, 0.2671



30.0813, 0.3665, 0.4009



30.0813, 0.2391, 0.2728

Square

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



30.0813, 0.3665, 0.4009



30.0813, 0.2546, 0.3392



30.0813, 0.2586, 0.2618



30.0813, 0.3732, 0.3155

Rectangle

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



30.0813, 0.3665, 0.4009



30.0813, 0.3004, 0.3883



30.0813, 0.2586, 0.2618



30.0813, 0.3210, 0.2786

Sweetspot

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



30.0827, 0.3665, 0.4009



59.6937, 0.3279, 0.3499



18.3378, 0.3785, 0.3159



13.3903, 0.3299, 0.3527



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.0827, 0.3665, 0.4009



53.2211, 0.3791, 0.4167



30.9361, 0.3428, 0.4178



7.5538, 0.3264, 0.3479



19.6846, 0.4472, 0.4831



0.3931, 0.4346, 0.4931

Inverse Universe

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



16.9869, 0.2548, 0.2450



25.7538, 0.2400, 0.2224



16.5705, 0.2739, 0.2355



6.5851, 0.2988, 0.3093



2.5145, 0.1540, 0.0743



0.0843, 0.1682, 0.1256

Previews

White Background



This preview shows how the Yxy color 30.0813, 0.3665, 0.4009 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 30.0813, 0.3665, 0.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

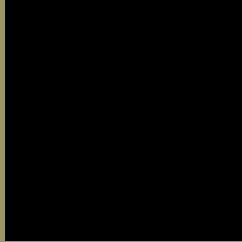
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0813, 0.3665, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 30.0813, 0.3665, 0.4009.



This preview shows how white text looks on a background with the Yxy color 30.0813, 0.3665, 0.4009.

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

30.0813, 0.3665, 0.4009

Protanopia

30.0714, 0.3704, 0.3986

Deuteranopia

30.0326, 0.3897, 0.3830



Tritanopia

30.2056, 0.3230, 0.3127

Trichromacy



Original Color

30.0813, 0.3665, 0.4009

Protanomaly

29.9680, 0.3693, 0.3989

Deuteranomaly

30.1237, 0.3811, 0.3904

Tritanomaly

30.0167, 0.3399, 0.3444

Monochromacy



Original Color

30.0813, 0.3665, 0.4009

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.3978, 0.3325, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0813, 0.3665, 0.4009 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(158, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 104)  
}
```

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(158, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 104) }
```

Border

The CSS property to change the border of an element to Yxy 30.0813, 0.3665, 0.4009 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(158, 150, 104) }
```

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

```
.border{ border-color:rgb(158, 150, 104) }
```

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

Here you see how a box with a 4 pixel rgb(158, 150, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0813, 0.3665, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 104) }
```

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

```
.background{ background-color: rgb(158,  
150, 104) }
```

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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