

Converting Colors

$Yxy(30.4245, 0.3623, 0.4046)$

Have a look what the booklet for
Yxy(30.4245, 0.3623, 0.4046)
contains.

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Color

Yxy(30.4245, 0.3623, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	9B9868
RGB	155, 152, 104
RGB Percent	61%, 60%, 41%
CMY	0.3922, 0.4039, 0.5922
CMYK	0.00, 0.02, 0.33, 0.39
HSL	56°, 20%, 51%
HSV	56°, 33%, 61%
XYZ	27.2437, 30.4245, 17.5283
YIQ	147.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

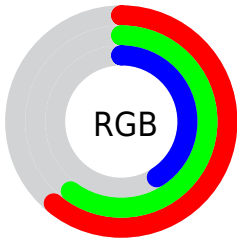
Format	Color
RYB	107, 155, 104
Decimal	10197096
CIELab	62.02, -6.62, 25.72
CIELCh	62, 26.554, 104.432
Yxy	30.4245, 0.3623, 0.4046
Android (android.graphics.Color)	4288387176 (0xFF9B9868)
YUV	147.4250, -21.4085, 6.6433
Hunter-Lab	55.1584, -8.3630, 19.7696

Details

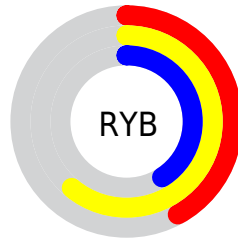
The Yxy color **30.4245, 0.3623, 0.4046** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8192, 0.2562, 0.2402**, and the grayscale version is **29.4479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2446, 0.3524, 0.3884**, and **12.4764, 0.3778, 0.4301** is the 20% darker color. If you saturate the color by 10%, you get **29.8451, 0.3772, 0.4268**, and if you desaturate by 10%, it is **31.0668, 0.3470, 0.3815**.

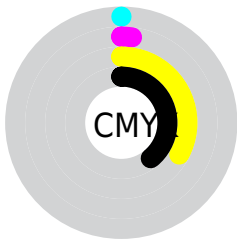
Distribution



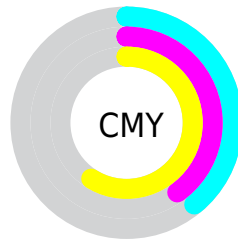
- Red (61%)
- Green (60%)
- Blue (41%)



- Red (42%)
- Yellow (61%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (39%)





- Cyan (39%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4245, 0.3623, 0.4046 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 30.4245, 0.3623, 0.4046 by changing the saturation by 10% instead.


 30.4245, 0.3623,
0.4046


 30.4245, 0.3623,
0.4046


303.8782, 0.3364,
0.3638


 20.1610, 0.3689,
0.4157


 60.3329, 0.3527,
0.3891


 12.5121, 0.3775,
0.4304


 80.7465, 0.3492,
0.3835

 7.0935, 0.3886,
0.4507


 105.3124, 0.3462,
0.3788

 3.5206, 0.4032,
0.4801

 134.4148, 0.3436,
0.3749

 1.4092, 0.4453,
0.5547

168.4382, 0.3415,
0.3715

 0.2235, 0.1854,
0.8146

207.7670, 0.3396,

 0.0000, 0.0000,

0.3686

0.0000

252.7855, 0.3379,
0.3661

■ 30.4245, 0.3623,
0.4046

■ 30.4245, 0.3623,
0.4046

■ 29.8451, 0.3772,
0.4268

■ 31.0668, 0.3470,
0.3815

■ 29.3214, 0.3912,
0.4471

■ 31.7708, 0.3317,
0.3582

■ 28.8511, 0.4036,
0.4646

■ 32.5406, 0.3169,
0.3355

■ 28.4305, 0.4139,
0.4787

■ 33.3789, 0.3028,
0.3137

■ 28.0550, 0.4217,
0.4886

■ 34.2880, 0.2897,
0.2931

■ 27.7194, 0.4270,
0.4944

■ 35.2703, 0.2775,
0.2740

■ 27.4961, 0.4298,
0.4969

■ 36.3279, 0.2664,
0.2564

■ 37.4630, 0.2563,
0.2402

■ 38.6776, 0.2471,
0.2256

Harmonies

Analogous

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



30.4245, 0.3907, 0.3860



30.4245, 0.3623, 0.4046



30.4245, 0.3216, 0.4013

Triad

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



30.4245, 0.3623, 0.4046



30.4245, 0.2346, 0.2938



30.4245, 0.3427, 0.2894

Complementary

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



30.4245, 0.3623, 0.4046



15.8192, 0.2562, 0.2402

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.



30.4245, 0.2991, 0.2678



30.4245, 0.3623, 0.4046



30.4245, 0.2392, 0.2683

Square

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



30.4245, 0.3623, 0.4046



30.4245, 0.2490, 0.3326



30.4245, 0.2619, 0.2599



30.4245, 0.3798, 0.3204

Rectangle

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



30.4245, 0.3623, 0.4046



30.4245, 0.2934, 0.3853



30.4245, 0.2619, 0.2599



30.4245, 0.3282, 0.2809

Sweetspot

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



30.4259, 0.3623, 0.4046



57.2613, 0.3276, 0.3520



17.9353, 0.3813, 0.3235



12.9210, 0.3296, 0.3550



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.4259, 0.3623, 0.4046



53.7663, 0.3726, 0.4199



29.4196, 0.3372, 0.4155



7.1608, 0.3262, 0.3497



22.1046, 0.4297, 0.4970



0.3467, 0.4246, 0.5010

Inverse Universe

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



15.8192, 0.2562, 0.2402



23.7479, 0.2425, 0.2181



16.7062, 0.2807, 0.2407



6.0816, 0.2988, 0.3074



2.0795, 0.1514, 0.0650



0.0447, 0.1581, 0.0892

Previews

White Background



This preview shows how the Yxy color 30.4245, 0.3623, 0.4046 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 30.4245, 0.3623, 0.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

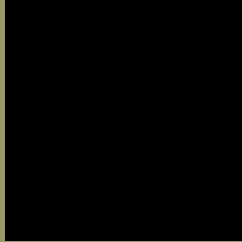
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4245, 0.3623, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 30.4245, 0.3623, 0.4046.



This preview shows how white text looks on a background with the Yxy color 30.4245, 0.3623, 0.4046.

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

30.4245, 0.3623, 0.4046

Protanopia

30.4733, 0.3720, 0.4012

Deuteranopia

30.1505, 0.3908, 0.3828



Tritanopia

30.2622, 0.3177, 0.3111

Trichromacy



Original Color

30.4245, 0.3623, 0.4046

Protanomaly

30.4834, 0.3682, 0.4035

Deuteranomaly

30.1237, 0.3811, 0.3904

Tritanomaly

30.3857, 0.3341, 0.3444

Monochromacy



Original Color

30.4245, 0.3623, 0.4046

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.6176, 0.3312, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4245, 0.3623, 0.4046 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(155, 152, 104)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 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(155, 152, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 104) }
```

Border

The CSS property to change the border of an element to Yxy 30.4245, 0.3623, 0.4046 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(155, 152, 104) }
```

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

```
.border{ border-color:rgb(155, 152, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 152, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 152, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 152, 104);  
box-shadow:4px 4px 4px 4px rgb(155, 152,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4245, 0.3623, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 104) }
```

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

```
.background{ background-color: rgb(155,  
152, 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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