

Converting Colors

$Yxy(33.0779, 0.3628, 0.4066)$

Have a look what the booklet for
Yxy(33.0779, 0.3628, 0.4066)
contains.

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Color

Yxy(33.0923, 0.3633, 0.4065)

Conversions

Conversions Part 1

Format	Color
Hex	A19E6B
RGB	161, 158, 107
RGB Percent	63%, 62%, 42%
CMY	0.3687, 0.3804, 0.5804
CMYK	0.00, 0.02, 0.34, 0.37
HSL	57°, 22%, 53%
HSV	57°, 34%, 63%
XYZ	29.5755, 33.0923, 18.7401
YIQ	153.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

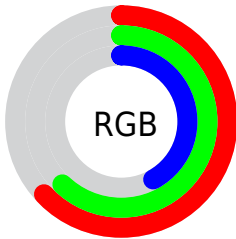
Format	Color
RYB	110, 161, 107
Decimal	10591851
CIELab	64.24, -7.02, 27.09
CIELCh	64, 27.983, 104.537
Yxy	33.0923, 0.3633, 0.4065
Android (android.graphics.Color)	4288781931 (0xFFA19E6B)
YUV	153.0830, -22.7189, 6.9432
Hunter-Lab	57.5259, -8.8991, 20.9534

Details

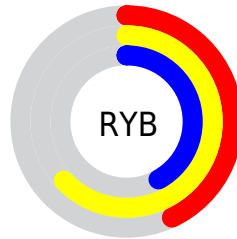
The Yxy color **33.0923, 0.3633, 0.4065** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.8449, 0.2548, 0.2375**, and the grayscale version is **31.9877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6906, 0.3532, 0.3914**, and **14.0193, 0.3769, 0.4320** is the 20% darker color. If you saturate the color by 10%, you get **32.4850, 0.3782, 0.4287**, and if you desaturate by 10%, it is **33.7678, 0.3480, 0.3833**.

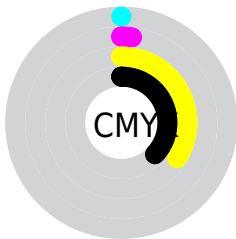
Distribution



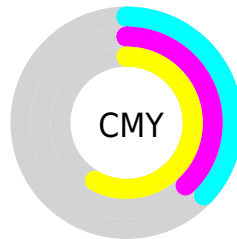
- Red (63%)
- Green (62%)
- Blue (42%)



- Red (43%)
- Yellow (63%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (37%)





- Cyan (37%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0923, 0.3633, 0.4065 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 33.0923, 0.3633, 0.4065 by changing the saturation by 10% instead.


 33.0923, 0.3633,
0.4065


 33.0923, 0.3633,
0.4065


316.0654, 0.3373,
0.3653

 22.1972, 0.3698,
0.4175


 64.5196, 0.3538,
0.3910


 14.0018, 0.3781,
0.4319


 85.8206, 0.3502,
0.3853

 8.1219, 0.3888,
0.4516


 111.3589, 0.3472,
0.3806

 4.1731, 0.4025,
0.4793

 141.5191, 0.3446,
0.3766

 1.7708, 0.4460,
0.5540

176.6854, 0.3424,
0.3731

 0.4689, 0.3690,
0.6310

217.2423, 0.3405,

 0.0000, 0.0000,

0.3702

0.0000

263.5742, 0.3388,
0.3676

■ 33.0923, 0.3633,
0.4065

■ 33.0923, 0.3633,
0.4065

■ 32.4850, 0.3782,
0.4287

■ 33.7678, 0.3480,
0.3833

■ 31.9380, 0.3920,
0.4489

■ 34.5103, 0.3327,
0.3599

■ 31.4489, 0.4042,
0.4663

■ 35.3243, 0.3178,
0.3369


■ 31.0134, 0.4142,
0.4801


■ 36.2127, 0.3036,
0.3149


■ 30.6265, 0.4218,
0.4898


■ 37.1781, 0.2904,
0.2941


 30.2824, 0.4267,
0.4953

 38.2231, 0.2781,
0.2747

 30.0730, 0.4291,
0.4975

 39.3500, 0.2669,
0.2569

 40.5613, 0.2567,
0.2406

 41.8591, 0.2475,
0.2258

Harmonies

Analogous

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



33.0923, 0.3925, 0.3874



33.0923, 0.3633, 0.4065



33.0923, 0.3216, 0.4032

Triad

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



33.0923, 0.3633, 0.4065



33.0923, 0.2328, 0.2927



33.0923, 0.3436, 0.2886

Complementary

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



33.0923, 0.3633, 0.4065



16.8449, 0.2548, 0.2375

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.



33.0923, 0.2989, 0.2665



33.0923, 0.3633, 0.4065



33.0923, 0.2375, 0.2668

Square

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



33.0923, 0.3633, 0.4065



33.0923, 0.2474, 0.3325



33.0923, 0.2608, 0.2583



33.0923, 0.3816, 0.3202

Rectangle

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



33.0923, 0.3633, 0.4065



33.0923, 0.2928, 0.3867



33.0923, 0.2608, 0.2583



33.0923, 0.3287, 0.2799

Sweetspot

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



33.0938, 0.3633, 0.4065



62.2966, 0.3276, 0.3521



19.2306, 0.3834, 0.3234



13.6214, 0.3296, 0.3552



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.



33.0938, 0.3633, 0.4065



58.4873, 0.3741, 0.4227



31.9119, 0.3377, 0.4175



8.1702, 0.3263, 0.3500



24.0455, 0.4290, 0.4975



0.5240, 0.4252, 0.5006

Inverse Universe

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



16.8449, 0.2548, 0.2375



24.9837, 0.2401, 0.2140



17.8664, 0.2799, 0.2386



6.9195, 0.2987, 0.3071



2.2286, 0.1513, 0.0645



0.0645, 0.1571, 0.0854

Previews

White Background



This preview shows how the Yxy color 33.0923, 0.3633, 0.4065 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 33.0923, 0.3633, 0.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

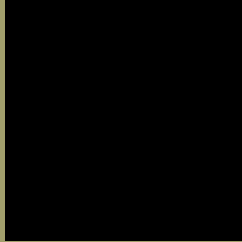
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0923, 0.3633, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 33.0923, 0.3633, 0.4065.



This preview shows how white text looks on a background with the Yxy color 33.0923, 0.3633, 0.4065.

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

33.0923, 0.3633, 0.4065

Protanopia

33.1424, 0.3727, 0.4032

Deuteranopia

32.9133, 0.3921, 0.3850



Tritanopia

33.1024, 0.3186, 0.3117

Trichromacy



Original Color

33.0923, 0.3633, 0.4065

Protanomaly

33.1539, 0.3690, 0.4054

Deuteranomaly

32.7693, 0.3816, 0.3927

Tritanomaly

33.0937, 0.3343, 0.3454

Monochromacy



Original Color

33.0923, 0.3633, 0.4065

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.2882, 0.3315, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0923, 0.3633, 0.4065 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(161, 158, 107)` looks like.

```
.text, #text, p{  
    color:rgb(161, 158, 107)  
}
```

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(161, 158, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 158, 107) }
```

Border

The CSS property to change the border of an element to Yxy 33.0923, 0.3633, 0.4065 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(161, 158, 107) }
```

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

```
.border{ border-color:rgb(161, 158, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 158, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 158, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 158, 107); box-shadow:4px 4px 4px 4px rgb(161, 158, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0923, 0.3633, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 158, 107) }
```

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

```
.background{ background-color: rgb(161,  
158, 107) }
```

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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