

Converting Colors

$Yxy(32.1647, 0.3667, 0.4036)$

Have a look what the booklet for
Yxy(32.1647, 0.3667, 0.4036)
contains.

Yxy(32.1647, 0.3667, 0.4036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.1647, 0.3667, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	A29B6A
RGB	162, 155, 106
RGB Percent	64%, 61%, 42%
CMY	0.3647, 0.3921, 0.5843
CMYK	0.00, 0.04, 0.35, 0.36
HSL	52°, 23%, 53%
HSV	52°, 35%, 64%
XYZ	29.2240, 32.1647, 18.3058
YIQ	151.5070, 19.9010, -13.7550

Conversions

Conversions Part 2

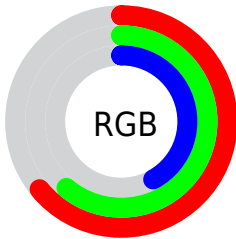
Format	Color
RYB	114, 162, 106
Decimal	10656618
CIELab	63.48, -5.11, 26.65
CIElCh	63, 27.134, 100.854
Yxy	32.1647, 0.3667, 0.4036
Android (android.graphics.Color)	4288846698 (0xFFA29B6A)
YUV	151.5070, -22.4350, 9.2024
Hunter-Lab	56.7139, -7.2706, 20.5624

Details

The Yxy color **32.1647, 0.3667, 0.4036** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4859, 0.2536, 0.2414**, and the grayscale version is **31.2691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9750, 0.3566, 0.3880**, and **13.4573, 0.3823, 0.4280** is the 20% darker color. If you saturate the color by 10%, you get **31.1917, 0.3827, 0.4245**, and if you desaturate by 10%, it is **33.2156, 0.3505, 0.3818**.

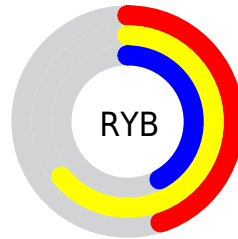
Distribution



Red (64%)

Green (61%)

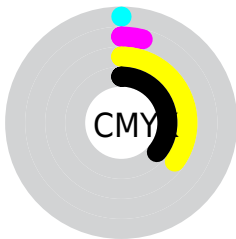
Blue (42%)



Red (45%)

Yellow (64%)

Blue (42%)

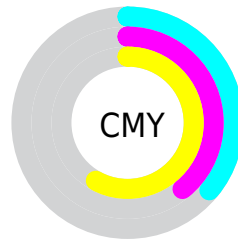


Cyan (0%)

Magenta (4%)

Yellow (35%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1647, 0.3667, 0.4036 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 32.1647, 0.3667, 0.4036 by changing the saturation by 10% instead.

■ 32.1647, 0.3667,
0.4036

■ 32.1647, 0.3667,
0.4036

■ 311.8688, 0.3387,
0.3639

■ 21.4873, 0.3738,
0.4142

■ 63.0692, 0.3564,
0.3887

■ 13.4807, 0.3830,
0.4280

■ 84.0651, 0.3525,
0.3832

■ 7.7604, 0.3949,
0.4469

■ 109.2693, 0.3493,
0.3786

■ 3.9420, 0.4106,
0.4733

■ 139.0663, 0.3465,
0.3748

■ 1.6412, 0.4566,
0.5434

■ 173.8403, 0.3442,
0.3715

■ 0.3851, 0.3852,
0.6148

■ 213.9758, 0.3421,

■ 0.0000, 0.0000,

0.3686

0.0000

259.8572, 0.3403,
0.3661

■ 32.1647, 0.3667,
0.4036

■ 32.1647, 0.3667,
0.4036

■ 31.1917, 0.3827,
0.4245

■ 33.2156, 0.3505,
0.3818

■ 30.2887, 0.3980,
0.4435

■ 34.3433, 0.3346,
0.3599

■ 29.4529, 0.4119,
0.4598


■ 35.5526, 0.3194,
0.3385

■ 28.6800, 0.4238,
0.4725


■ 36.8463, 0.3051,
0.3180


■ 27.9648, 0.4332,
0.4810


■ 38.2272, 0.2918,
0.2986

 27.3011, 0.4398,
0.4852

 39.6980, 0.2796,
0.2806

 26.9532, 0.4429,
0.4865

 41.2611, 0.2685,
0.2640

 42.9190, 0.2585,
0.2488

 44.6741, 0.2494,
0.2349

Harmonies

Analogous

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



32.1647, 0.3931, 0.3829



32.1647, 0.3667, 0.4036



32.1647, 0.3268, 0.4033

Triad

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



32.1647, 0.3667, 0.4036



32.1647, 0.2351, 0.2977



32.1647, 0.3377, 0.2861

Complementary

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



32.1647, 0.3667, 0.4036



17.4859, 0.2536, 0.2414

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.



32.1647, 0.2941, 0.2659



32.1647, 0.3667, 0.4036



32.1647, 0.2374, 0.2703

Square

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



32.1647, 0.3667, 0.4036



32.1647, 0.2518, 0.3378



32.1647, 0.2581, 0.2598



32.1647, 0.3764, 0.3163

Rectangle

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



32.1647, 0.3667, 0.4036



32.1647, 0.2983, 0.3891



32.1647, 0.2581, 0.2598



32.1647, 0.3230, 0.2780

Sweetspot

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



32.1662, 0.3667, 0.4036



63.2869, 0.3278, 0.3505



19.1946, 0.3811, 0.3172



14.1485, 0.3299, 0.3534



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.1662, 0.3667, 0.4036



57.1031, 0.3783, 0.4188



32.5868, 0.3422, 0.4194



8.0855, 0.3264, 0.3485



21.2764, 0.4427, 0.4867



0.4865, 0.4331, 0.4943

Inverse Universe

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



17.4859, 0.2536, 0.2414



26.6165, 0.2394, 0.2194



17.3955, 0.2743, 0.2344



6.9961, 0.2987, 0.3087



2.4934, 0.1531, 0.0713



0.0916, 0.1651, 0.1145

Previews

White Background



This preview shows how the Yxy color 32.1647, 0.3667, 0.4036 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 32.1647, 0.3667, 0.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

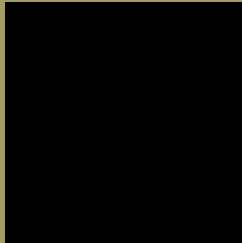
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1647, 0.3667, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 32.1647, 0.3667, 0.4036.



This preview shows how white text looks on a background with the Yxy color 32.1647, 0.3667, 0.4036.

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

32.1647, 0.3667, 0.4036

Protanopia

32.2381, 0.3725, 0.4026

Deuteranopia

32.0174, 0.3920, 0.3842



Tritanopia

32.0427, 0.3217, 0.3116

Trichromacy



Original Color

32.1647, 0.3667, 0.4036

Protanomaly

32.1305, 0.3714, 0.4028

Deuteranomaly

31.9882, 0.3825, 0.3917

Tritanomaly

32.1337, 0.3389, 0.3455

Monochromacy



Original Color

32.1647, 0.3667, 0.4036

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.5997, 0.3329, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1647, 0.3667, 0.4036 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(162, 155, 106)` looks like.

```
.text, #text, p{  
    color:rgb(162, 155, 106)  
}
```

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(162, 155, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 155, 106) }
```

Border

The CSS property to change the border of an element to Yxy 32.1647, 0.3667, 0.4036 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(162, 155, 106) }
```

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

```
.border{ border-color:rgb(162, 155, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 155, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 155, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 155, 106);  
box-shadow:4px 4px 4px 4px rgb(162, 155,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1647, 0.3667, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 155, 106) }
```

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

```
.background{ background-color: rgb(162,  
155, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor