

Converting Colors

$Y_{xy}(32.8017, 0.3723, 0.3614)$

Have a look what the booklet for
Yxy(32.8017, 0.3723, 0.3614)
contains.

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Color

Yxy(32.6313, 0.3716, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	B6947E
RGB	182, 148, 126
RGB Percent	71%, 58%, 49%
CMY	0.2863, 0.4196, 0.5059
CMYK	0.00, 0.19, 0.31, 0.29
HSL	24°, 28%, 60%
HSV	24°, 31%, 71%
XYZ	33.6454, 32.6313, 24.2652
YIQ	155.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

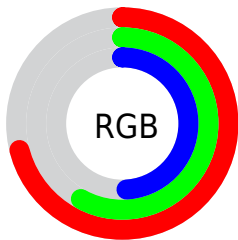
Format	Color
RYB	182, 162, 126
Decimal	11965566
CIELab	63.86, 9.47, 16.44
CIElCh	64, 18.968, 60.054
Yxy	32.6313, 0.3716, 0.3604
Android (android.graphics.Color)	4290155646 (0xFFB6947E)
YUV	155.6580, -14.6214, 23.1019
Hunter-Lab	57.1238, 5.1681, 14.8013

Details

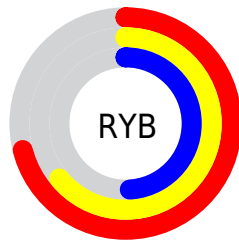
The Yxy color **32.6313, 0.3716, 0.3604** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9492, 0.2653, 0.2952**, and the grayscale version is **33.1431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8465, 0.3598, 0.3542**, and **13.6744, 0.3914, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **28.9031, 0.3969, 0.3710**, and if you desaturate by 10%, it is **36.7787, 0.3494, 0.3498**.

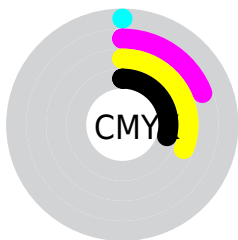
Distribution



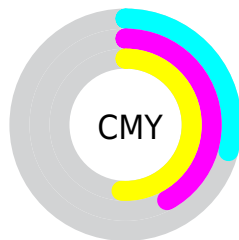
- Red (71%)
- Green (58%)
- Blue (49%)



- Red (71%)
- Yellow (64%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6313, 0.3716, 0.3604 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 32.6313, 0.3716, 0.3604 by changing the saturation by 10% instead.

 32.6313, 0.3716,
0.3604


 32.6313, 0.3716,
0.3604


313.9851, 0.3402,
0.3444


 21.8441, 0.3801,
0.3644


 63.7995, 0.3597,
0.3546

 13.7424, 0.3913,
0.3695


 84.9493, 0.3554,
0.3524

 7.9417, 0.4070,
0.3762


 110.3221, 0.3518,
0.3505

 4.0577, 0.4301,
0.3852

140.3023, 0.3488,
0.3489

 1.7059, 0.4738,
0.4029

175.2743, 0.3462,
0.3476

 0.4275, 0.5986,
0.4014

215.6225, 0.3439,

 0.0000, 0.0000,

0.3464

0.0000

261.7313, 0.3420,
0.3453

■ 32.6313, 0.3716,
0.3604

■ 32.6313, 0.3716,
0.3604

■ 28.9031, 0.3969,
0.3710

■ 36.7787, 0.3494,
0.3498

■ 25.5757, 0.4254,
0.3808

■ 41.3540, 0.3303,
0.3395

■ 22.6360, 0.4563,
0.3890

■ 46.3710, 0.3139,
0.3297

■ 20.0682, 0.4886,
0.3943

■ 51.8419, 0.2998,
0.3207

■ 17.8551, 0.5203,
0.3955

■ 57.7781, 0.2877,
0.3123

■ 15.9780, 0.5488,
0.3917

■ 64.1906, 0.2773,
0.3047

■ 14.5177, 0.5714,
0.3845

■ 71.0902, 0.2684,
0.2977

■ 77.3716, 0.2689,
0.3085

■ 83.9438, 0.2702,
0.3207

Harmonies

Analogous

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



32.6313, 0.3678, 0.3365



32.6313, 0.3716, 0.3604



32.6313, 0.3588, 0.3776

Triad

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



32.6313, 0.3716, 0.3604



32.6313, 0.2774, 0.3459



32.6313, 0.2899, 0.2811

Complementary

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



32.6313, 0.3716, 0.3604



32.9492, 0.2653, 0.2952

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.



32.6313, 0.2675, 0.2814



32.6313, 0.3716, 0.3604



32.6313, 0.2605, 0.3174

Square

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



32.6313, 0.3716, 0.3604



32.6313, 0.3040, 0.3704



32.6313, 0.2570, 0.2940



32.6313, 0.3194, 0.2922

Rectangle

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



32.6313, 0.3716, 0.3604



32.6313, 0.3431, 0.3823



32.6313, 0.2570, 0.2940



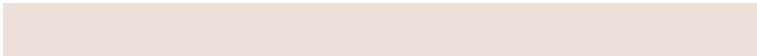
32.6313, 0.2813, 0.2798

Sweetspot

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



32.6328, 0.3716, 0.3604



76.3946, 0.3275, 0.3378



27.4233, 0.3395, 0.2809



16.5917, 0.3300, 0.3393



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.6328, 0.3716, 0.3604



54.4494, 0.3886, 0.3677



42.2883, 0.3608, 0.3966



9.5758, 0.3278, 0.3380



10.3753, 0.5694, 0.3861



0.4875, 0.5218, 0.4238

Inverse Universe

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



32.9492, 0.2653, 0.2952



55.1034, 0.2549, 0.2863



24.4614, 0.2603, 0.2510



9.6020, 0.2985, 0.3198



10.4640, 0.1880, 0.1966



0.4858, 0.1985, 0.2346

Previews

White Background



This preview shows how the Yxy color 32.6313, 0.3716, 0.3604 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 32.6313, 0.3716, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

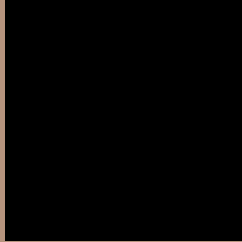
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6313, 0.3716, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 32.6313, 0.3716, 0.3604.



This preview shows how white text looks on a background with the Yxy color 32.6313, 0.3716, 0.3604.

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

32.6313, 0.3716, 0.3604

Protanopia

32.8142, 0.3456, 0.3684

Deuteranopia

32.7045, 0.3690, 0.3620



Tritanopia

32.6274, 0.3454, 0.3139

Trichromacy



Original Color

32.6313, 0.3716, 0.3604

Protanomaly

32.5610, 0.3550, 0.3646

Deuteranomaly

32.8250, 0.3701, 0.3619

Tritanomaly

32.4548, 0.3557, 0.3305

Monochromacy



Original Color

32.6313, 0.3716, 0.3604

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8261, 0.3326, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6313, 0.3716, 0.3604 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(182, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 148, 126)  
}
```

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(182, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 148, 126) }
```

Border

The CSS property to change the border of an element to Yxy 32.6313, 0.3716, 0.3604 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(182, 148, 126) }
```

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

```
.border{ border-color:rgb(182, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(182, 148,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6313, 0.3716, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 148, 126) }
```

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

```
.background{ background-color: rgb(182,  
148, 126) }
```

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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