

Converting Colors

$Yxy(32.5679, 0.3647, 0.3596)$

Have a look what the booklet for
Yxy(32.5679, 0.3647, 0.3596)
contains.

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Color

Yxy(32.5184, 0.3648, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	B29580
RGB	178, 149, 128
RGB Percent	70%, 58%, 50%
CMY	0.3019, 0.4157, 0.4981
CMYK	0.00, 0.16, 0.28, 0.30
HSL	25°, 25%, 60%
HSV	25°, 28%, 70%
XYZ	33.0070, 32.5184, 24.9543
YIQ	155.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

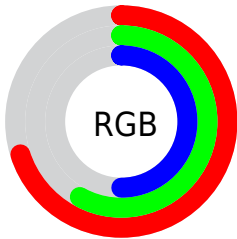
Format	Color
RYB	178, 164, 128
Decimal	11703680
CIELab	63.77, 7.61, 15.14
CIELCh	64, 16.946, 63.300
Yxy	32.5184, 0.3648, 0.3594
Android (android.graphics.Color)	4289893760 (0xFFB29580)
YUV	155.2770, -13.4476, 19.9281
Hunter-Lab	57.0249, 3.5253, 13.9719

Details

The Yxy color **32.5184, 0.3648, 0.3594** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9219, 0.2693, 0.2964**, and the grayscale version is **32.9614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5405, 0.3539, 0.3534**, and **13.6599, 0.3829, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **28.9674, 0.3887, 0.3707**, and if you desaturate by 10%, it is **36.4445, 0.3438, 0.3481**.

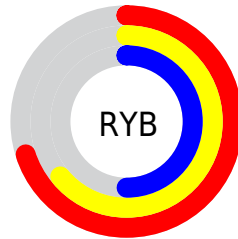
Distribution



Red (70%)

Green (58%)

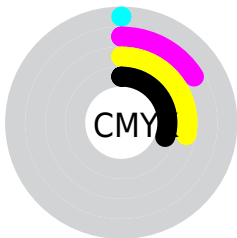
Blue (50%)



Red (70%)

Yellow (64%)

Blue (50%)

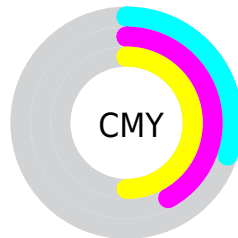


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (42%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5184, 0.3648, 0.3594 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 32.5184, 0.3648, 0.3594 by changing the saturation by 10% instead.


 32.5184, 0.3648,
0.3594

 32.5184, 0.3648,
0.3594

313.4740, 0.3370,
0.3438

 21.7578, 0.3723,
0.3634


 63.6229, 0.3543,
0.3536

 13.6790, 0.3823,
0.3686


 84.7356, 0.3505,
0.3515

 7.8978, 0.3962,
0.3754


 110.0677, 0.3473,
0.3497

 4.0296, 0.4168,
0.3849

140.0036, 0.3446,
0.3482

 1.6901, 0.4546,
0.4023

174.9279, 0.3423,
0.3468

 0.4173, 0.5826,
0.4174

215.2247, 0.3403,

 0.0000, 0.0000,

0.3457

0.0000

261.2787, 0.3386,
0.3447

■ 32.5184, 0.3648,
0.3594

■ 32.5184, 0.3648,
0.3594

■ 28.9674, 0.3887,
0.3707

■ 36.4445, 0.3438,
0.3481

■ 25.7751, 0.4156,
0.3815

■ 40.7523, 0.3256,
0.3373

■ 22.9305, 0.4449,
0.3909

■ 45.4540, 0.3099,
0.3271

■ 20.4204, 0.4758,
0.3977

■ 50.5599, 0.2964,
0.3177

■ 18.2304, 0.5065,
0.4007

■ 56.0798, 0.2848,
0.3090

■ 16.3444, 0.5348,
0.3989

■ 62.0231, 0.2747,
0.3010

■ 14.7419, 0.5591,
0.3921

■ 68.3991, 0.2661,
0.2937

■ 14.4662, 0.5636,
0.3907

■ 74.1841, 0.2661,
0.3030

■ 80.1573, 0.2675,
0.3146

Harmonies

Analogous

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



32.5184, 0.3630, 0.3384



32.5184, 0.3648, 0.3594



32.5184, 0.3521, 0.3736

Triad

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



32.5184, 0.3648, 0.3594



32.5184, 0.2789, 0.3414



32.5184, 0.2950, 0.2865

Complementary

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



32.5184, 0.3648, 0.3594



31.9219, 0.2693, 0.2964

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.



32.5184, 0.2738, 0.2857



32.5184, 0.3648, 0.3594



32.5184, 0.2649, 0.3162

Square

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



32.5184, 0.3648, 0.3594



32.5184, 0.3022, 0.3639



32.5184, 0.2631, 0.2960



32.5184, 0.3218, 0.2975

Rectangle

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



32.5184, 0.3648, 0.3594



32.5184, 0.3374, 0.3766



32.5184, 0.2631, 0.2960



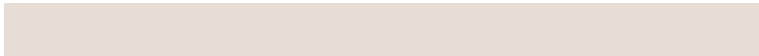
32.5184, 0.2870, 0.2850

Sweetspot

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



32.5199, 0.3648, 0.3594



73.8544, 0.3257, 0.3374



27.3430, 0.3385, 0.2876



16.0935, 0.3282, 0.3389



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.5199, 0.3648, 0.3594



54.7057, 0.3800, 0.3668



41.2414, 0.3558, 0.3927



9.0722, 0.3277, 0.3386



10.4667, 0.5616, 0.3923



0.4458, 0.5125, 0.4313

Inverse Universe

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



31.9219, 0.2693, 0.2964



53.4269, 0.2592, 0.2877



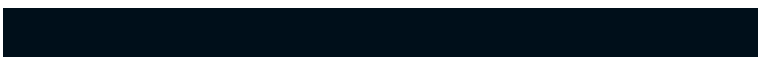
24.3486, 0.2652, 0.2561



9.0215, 0.2986, 0.3192



9.4041, 0.1854, 0.1875



0.4082, 0.1976, 0.2312

Previews

White Background



This preview shows how the Yxy color 32.5184, 0.3648, 0.3594 looks on a white background.

Color Contrast Check

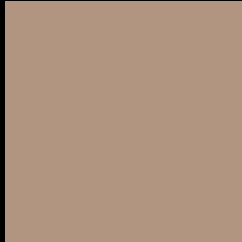
Large Text (above 18pt) WCAG AA × Fail

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 32.5184, 0.3648, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

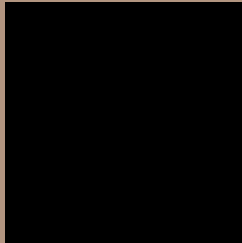
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5184, 0.3648, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 32.5184, 0.3648, 0.3594.



This preview shows how white text looks on a background with the Yxy color 32.5184, 0.3648, 0.3594.

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

32.5184, 0.3648, 0.3594

Protanopia

32.5364, 0.3439, 0.3638

Deuteranopia

32.6371, 0.3658, 0.3593



Tritanopia

32.4749, 0.3398, 0.3137

Trichromacy



Original Color

32.5184, 0.3648, 0.3594

Protanomaly

32.3930, 0.3508, 0.3619

Deuteranomaly

32.6371, 0.3658, 0.3593

Tritanomaly

32.3364, 0.3490, 0.3291

Monochromacy



Original Color

32.5184, 0.3648, 0.3594

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6133, 0.3305, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5184, 0.3648, 0.3594 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(178, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 149, 128)  
}
```

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(178, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 149, 128) }
```

Border

The CSS property to change the border of an element to Yxy 32.5184, 0.3648, 0.3594 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(178, 149, 128) }
```

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

```
.border{ border-color:rgb(178, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 149,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5184, 0.3648, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 149, 128) }
```

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

```
.background{ background-color: rgb(178,  
149, 128) }
```

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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