

Converting Colors

$Yxy(32.6580, 0.3629, 0.3329)$

Have a look what the booklet for
Yxy(32.6580, 0.3629, 0.3329)
contains.

Yxy(32.5909, 0.3625, 0.3319)	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(32.5909, 0.3625, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	BC908E
RGB	188, 144, 142
RGB Percent	74%, 56%, 56%
CMY	0.2627, 0.4353, 0.4431
CMYK	0.00, 0.23, 0.24, 0.26
HSL	3°, 26%, 65%
HSV	3°, 24%, 74%
XYZ	35.5957, 32.5909, 30.0084
YIQ	156.9280, 26.8660, 8.7060

Conversions

Conversions Part 2

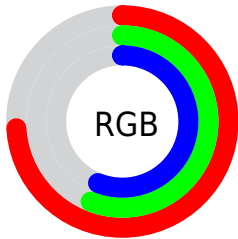
Format	Color
R _Y B	188, 144, 142
Decimal	12357774
CIE Lab	63.83, 16.32, 7.48
CIE LCh	64, 17.950, 24.631
Yxy	32.5909, 0.3625, 0.3319
Android (android.graphics.Color)	4290547854 (0xFFBC908E)
YUV	156.9280, -7.3595, 27.2501
Hunter-Lab	57.0884, 11.3932, 8.7963

Details

The Yxy color **32.5909, 0.3625, 0.3319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5034, 0.2769, 0.3261**, and the grayscale version is **33.7086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7862, 0.3522, 0.3312**, and **13.6697, 0.3797, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **27.0534, 0.3915, 0.3332**, and if you desaturate by 10%, it is **39.0945, 0.3389, 0.3307**.

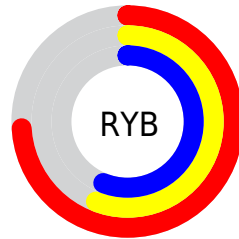
Distribution



Red (74%)

Green (56%)

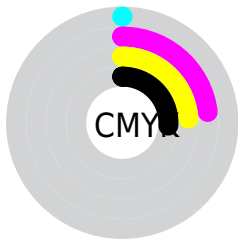
Blue (56%)



Red (74%)

Yellow (56%)

Blue (56%)

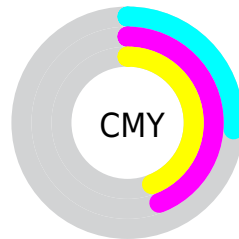


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5909, 0.3625, 0.3319 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 32.5909, 0.3625, 0.3319 by changing the saturation by 10% instead.


 32.5909, 0.3625,
0.3319


 32.5909, 0.3625,
0.3319


313.8023, 0.3359,
0.3308


 21.8132, 0.3697,
0.3320


 63.7363, 0.3524,
0.3316

 13.7197, 0.3794,
0.3321


 84.8728, 0.3488,
0.3315

 7.9260, 0.3930,
0.3320


 110.2311, 0.3457,
0.3313

 4.0476, 0.4135,
0.3313

140.1955, 0.3431,
0.3312

 1.7002, 0.4475,
0.3290

175.1504, 0.3409,
0.3311

 0.4238, 0.6540,
0.3460


215.4802, 0.3390,

 0.0000, 0.0000,


0.3310

0.0000

261.5694, 0.3374,
0.3309


 32.5909, 0.3625,
0.3319

 32.5909, 0.3625,
0.3319


 27.0534, 0.3915,
0.3332

 39.0945, 0.3389,
0.3307

 22.4317, 0.4267,
0.3344


 46.6025, 0.3200,
0.3295


 18.6779, 0.4680,
0.3354

 55.1564, 0.3047,
0.3284

 15.7377, 0.5137,
0.3359

 64.7943, 0.2923,
0.3275

 13.5509, 0.5597,
0.3357

 75.5523, 0.2822,
0.3266

■ 12.0490, 0.5998,
0.3346

■ 87.4646, 0.2739,
0.3258

■ 11.1507, 0.6271,
0.3328

■ 89.4317, 0.2742,
0.3289

■ 10.8688, 0.6370,
0.3324

Harmonies

Analogous

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



32.5909, 0.3419, 0.3091



32.5909, 0.3625, 0.3319



32.5909, 0.3690, 0.3551

Triad

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



32.5909, 0.3625, 0.3319



32.5909, 0.3096, 0.3711



32.5909, 0.2671, 0.2851

Complementary

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



32.5909, 0.3625, 0.3319



44.5034, 0.2769, 0.3261

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.



32.5909, 0.2595, 0.2993



32.5909, 0.3625, 0.3319



32.5909, 0.2833, 0.3497

Square

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



32.5909, 0.3625, 0.3319



32.5909, 0.3376, 0.3794



32.5909, 0.2652, 0.3228



32.5909, 0.2866, 0.2827

Rectangle

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



32.5909, 0.3625, 0.3319



32.5909, 0.3644, 0.3679



32.5909, 0.2652, 0.3228



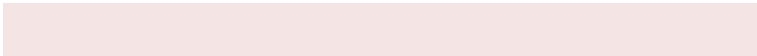
32.5909, 0.2631, 0.2886

Sweetspot

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



32.5924, 0.3625, 0.3319



80.6705, 0.3246, 0.3298



33.6052, 0.3170, 0.2709



17.1679, 0.3257, 0.3299



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.5924, 0.3625, 0.3319



53.8250, 0.3763, 0.3325



40.1136, 0.3554, 0.3623



9.6009, 0.3287, 0.3301



7.4281, 0.6363, 0.3330



0.3140, 0.6222, 0.3442

Inverse Universe

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



44.5034, 0.2769, 0.3261



78.8949, 0.2703, 0.3254



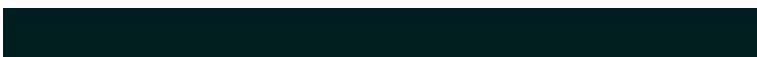
35.7448, 0.2742, 0.2933



10.7366, 0.2985, 0.3280



24.6831, 0.2210, 0.3156



0.9890, 0.2219, 0.3190

Previews

White Background



This preview shows how the Yxy color 32.5909, 0.3625, 0.3319 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 32.5909, 0.3625, 0.3319 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 32.5909, 0.3625, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 32.5909, 0.3625, 0.3319.



This preview shows how white text looks on a background with the Yxy color 32.5909, 0.3625, 0.3319.

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

32.5909, 0.3625, 0.3319

Protanopia

32.6202, 0.3233, 0.3381

Deuteranopia

32.5319, 0.3480, 0.3407



Tritanopia

32.4647, 0.3523, 0.3141

Trichromacy



Original Color

32.5909, 0.3625, 0.3319

Protanomaly

32.4341, 0.3374, 0.3349

Deuteranomaly

32.4938, 0.3540, 0.3377

Tritanomaly

32.6337, 0.3563, 0.3209

Monochromacy



Original Color

32.5909, 0.3625, 0.3319

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.0483, 0.3290, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5909, 0.3625, 0.3319 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(188, 144, 142)` looks like.

```
.text, #text, p{  
    color:rgb(188, 144, 142)  
}
```

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(188, 144, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 144, 142) }
```

Border

The CSS property to change the border of an element to Yxy 32.5909, 0.3625, 0.3319 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(188, 144, 142) }
```

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

```
.border{ border-color:rgb(188, 144, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 144, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 144, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 144, 142);  
box-shadow:4px 4px 4px 4px rgb(188, 144,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5909, 0.3625, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 144, 142) }
```

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

```
.background{ background-color: rgb(188,  
144, 142) }
```

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