

Converting Colors

$Yxy(32.2642, 0.3688, 0.3627)$

Have a look what the booklet for
Yxy(32.2642, 0.3688, 0.3627)
contains.

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Color

Yxy(32.2442, 0.3694, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	B3947D
RGB	179, 148, 125
RGB Percent	70%, 58%, 49%
CMY	0.2980, 0.4196, 0.5098
CMYK	0.00, 0.17, 0.30, 0.30
HSL	26°, 26%, 60%
HSV	26°, 30%, 70%
XYZ	32.8852, 32.2442, 23.8938
YIQ	154.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

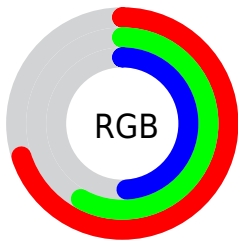
Format	Color
RYB	179, 165, 125
Decimal	11768957
CIELab	63.54, 8.15, 16.51
CIElCh	64, 18.413, 63.726
Yxy	32.2442, 0.3694, 0.3622
Android (android.graphics.Color)	4289959037 (0xFFB3947D)
YUV	154.6470, -14.6160, 21.3576
Hunter-Lab	56.7840, 4.0023, 14.8005

Details

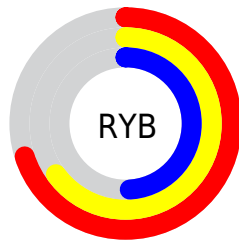
The Yxy color **32.2442, 0.3694, 0.3622** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.4010, 0.2660, 0.2932**, and the grayscale version is **32.6729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1176, 0.3573, 0.3556**, and **13.4312, 0.3882, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **28.7452, 0.3939, 0.3736**, and if you desaturate by 10%, it is **36.1151, 0.3479, 0.3507**.

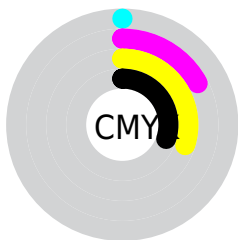
Distribution



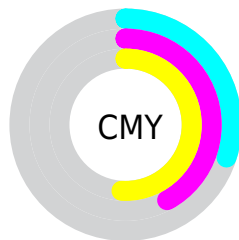
- Red (70%)
- Green (58%)
- Blue (49%)



- Red (70%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2442, 0.3694, 0.3622 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 32.2442, 0.3694, 0.3622 by changing the saturation by 10% instead.


 32.2442, 0.3694,
0.3622


 32.2442, 0.3694,
0.3622


312.2302, 0.3392,
0.3452


 21.5481, 0.3776,
0.3665


 63.1937, 0.3580,
0.3559

 13.5252, 0.3885,
0.3721


 84.2159, 0.3538,
0.3536

 7.7912, 0.4036,
0.3795


 109.4489, 0.3503,
0.3516

 3.9616, 0.4259,
0.3895

139.2772, 0.3474,
0.3500

 1.6521, 0.4703,
0.4108

174.0850, 0.3449,
0.3485

 0.3924, 0.5931,
0.4069

214.2569, 0.3427,

 0.0000, 0.0000,

0.3473

0.0000

260.1771, 0.3408,
0.3461

■ 32.2442, 0.3694,
0.3622

■ 32.2442, 0.3694,
0.3622

■ 28.7452, 0.3939,
0.3736

■ 36.1151, 0.3479,
0.3507

■ 25.6019, 0.4211,
0.3843

■ 40.3647, 0.3292,
0.3397

■ 22.8032, 0.4507,
0.3934


■ 45.0053, 0.3130,
0.3292

■ 20.3355, 0.4814,
0.3997


■ 50.0471, 0.2990,
0.3194

■ 18.1843, 0.5115,
0.4019

■ 55.4999, 0.2870,
0.3104

 16.3335, 0.5388,
0.3990

 61.3732, 0.2767,
0.3022

 14.7831, 0.5620,
0.3920

 67.6762, 0.2677,
0.2946

 73.5369, 0.2665,
0.3015

 79.4373, 0.2678,
0.3130

Harmonies

Analogous

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



32.2442, 0.3677, 0.3394



32.2442, 0.3694, 0.3622



32.2442, 0.3552, 0.3777

Triad

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



32.2442, 0.3694, 0.3622



32.2442, 0.2756, 0.3421



32.2442, 0.2937, 0.2830

Complementary

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



32.2442, 0.3694, 0.3622



31.4010, 0.2660, 0.2932

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.



32.2442, 0.2707, 0.2818



32.2442, 0.3694, 0.3622



32.2442, 0.2606, 0.3145

Square

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



32.2442, 0.3694, 0.3622



32.2442, 0.3007, 0.3669



32.2442, 0.2589, 0.2928



32.2442, 0.3229, 0.2951

Rectangle

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



32.2442, 0.3694, 0.3622



32.2442, 0.3391, 0.3810



32.2442, 0.2589, 0.2928



32.2442, 0.2851, 0.2813

Sweetspot

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



32.2457, 0.3694, 0.3622



73.0914, 0.3274, 0.3386



26.6720, 0.3409, 0.2844



15.9384, 0.3299, 0.3401



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.



32.2457, 0.3694, 0.3622



53.6300, 0.3848, 0.3696



41.5387, 0.3591, 0.3974



9.0802, 0.3277, 0.3387



10.5679, 0.5600, 0.3936



0.4491, 0.5113, 0.4322

Inverse Universe

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



31.4010, 0.2660, 0.2932



51.8734, 0.2560, 0.2842



23.4499, 0.2612, 0.2499



9.0133, 0.2985, 0.3191



9.2579, 0.1849, 0.1854



0.4041, 0.1972, 0.2297

Previews

White Background



This preview shows how the Yxy color 32.2442, 0.3694, 0.3622 looks on a white background.

Color Contrast Check

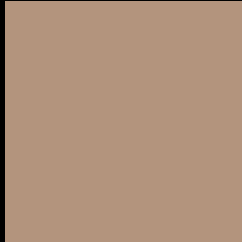
Large Text (above 18pt) WCAG AA × Fail

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 32.2442, 0.3694, 0.3622 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 32.2442, 0.3694, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 32.2442, 0.3694, 0.3622.



This preview shows how white text looks on a background with the Yxy color 32.2442, 0.3694, 0.3622.

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

32.2442, 0.3694, 0.3622

Protanopia

32.4562, 0.3469, 0.3684

Deuteranopia

32.2442, 0.3694, 0.3622



Tritanopia

32.2582, 0.3422, 0.3137

Trichromacy



Original Color

32.2442, 0.3694, 0.3622

Protanomaly

32.4238, 0.3549, 0.3663

Deuteranomaly

32.2442, 0.3694, 0.3622

Tritanomaly

32.0882, 0.3524, 0.3305

Monochromacy



Original Color

32.2442, 0.3694, 0.3622

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3626, 0.3327, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2442, 0.3694, 0.3622 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(179, 148, 125)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 125)  
}
```

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(179, 148, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 125) }
```

Border

The CSS property to change the border of an element to Yxy 32.2442, 0.3694, 0.3622 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(179, 148, 125) }
```

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

```
.border{ border-color:rgb(179, 148, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 148, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 125);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2442, 0.3694, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 125) }
```

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

```
.background{ background-color: rgb(179,  
148, 125) }
```

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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