

Converting Colors

$Yxy(32.5213, 0.3930, 0.3668)$

Have a look what the booklet for
Yxy(32.5213, 0.3930, 0.3668)
contains.

Yxy(32.6115, 0.3925, 0.3676)	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(32.6115, 0.3925, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	BF9175
RGB	191, 145, 117
RGB Percent	75%, 57%, 46%
CMY	0.2510, 0.4313, 0.5413
CMYK	0.00, 0.24, 0.39, 0.25
HSL	23°, 37%, 60%
HSV	23°, 39%, 75%
XYZ	34.8205, 32.6115, 21.2826
YIQ	155.5620, 36.4040, 1.0440

Conversions

Conversions Part 2

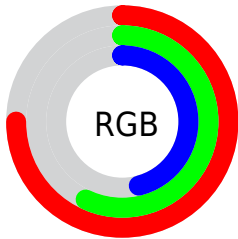
Format	Color
RYB	191, 162, 117
Decimal	12554613
CIELab	63.85, 13.61, 21.59
CIELCh	64, 25.525, 57.781
Yxy	32.6115, 0.3925, 0.3676
Android (android.graphics.Color)	4290744693 (0xFFBF9175)
YUV	155.5620, -19.0111, 31.0791
Hunter-Lab	57.1065, 8.9035, 17.8781

Details

The Yxy color **32.6115, 0.3925, 0.3676** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.7254, 0.2533, 0.2863**, and the grayscale version is **33.1146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8512, 0.3769, 0.3610**, and **13.6570, 0.4203, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **28.7691, 0.4209, 0.3773**, and if you desaturate by 10%, it is **36.9275, 0.3674, 0.3573**.

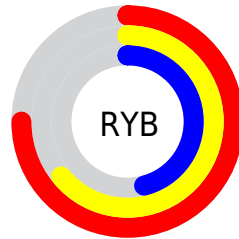
Distribution



Red (75%)

Green (57%)

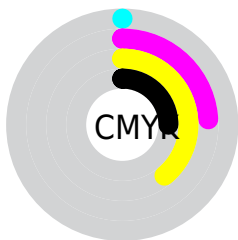
Blue (46%)



Red (75%)

Yellow (64%)

Blue (46%)

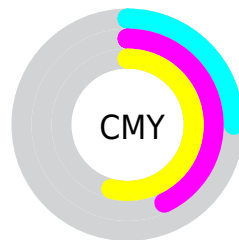


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6115, 0.3925, 0.3676 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 32.6115, 0.3925, 0.3676 by changing the saturation by 10% instead.


 32.6115, 0.3925,
0.3676


 32.6115, 0.3925,
0.3676


313.8955, 0.3500,
0.3485


 21.8290, 0.4039,
0.3721


 63.7685, 0.3765,
0.3608

 13.7313, 0.4189,
0.3777


 84.9118, 0.3706,
0.3582

 7.9340, 0.4396,
0.3846

 110.2775, 0.3658,
0.3559

 4.0528, 0.4693,
0.3928

140.2499, 0.3616,
0.3540

 1.7031, 0.5403,
0.4204

175.2136, 0.3581,
0.3524

 0.4257, 0.6338,
0.3662

215.5528, 0.3550,

 0.0000, 0.0000,

0.3509

0.0000

261.6520, 0.3524,
0.3496

■ 32.6115, 0.3925,
0.3676

■ 32.6115, 0.3925,
0.3676

■ 28.7691, 0.4209,
0.3773

■ 36.9275, 0.3674,
0.3573

■ 25.3786, 0.4521,
0.3856

■ 41.7287, 0.3456,
0.3470

■ 22.4230, 0.4851,
0.3912


■ 47.0320, 0.3269,
0.3372

■ 19.8825, 0.5178,
0.3929


■ 52.8521, 0.3109,
0.3279

■ 17.7352, 0.5478,
0.3897

■ 59.2030, 0.2972,
0.3193


 15.9527, 0.5730,
0.3819

 66.0982, 0.2855,
0.3114

 15.7527, 0.5760,
0.3809

 73.5507, 0.2754,
0.3041

 80.5841, 0.2743,
0.3127

 87.7993, 0.2754,
0.3255

Harmonies

Analogous

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



32.6115, 0.3859, 0.3355



32.6115, 0.3925, 0.3676



32.6115, 0.3763, 0.3925

Triad

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



32.6115, 0.3925, 0.3676



32.6115, 0.2675, 0.3546



32.6115, 0.2792, 0.2653

Complementary

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



32.6115, 0.3925, 0.3676



33.7254, 0.2533, 0.2863

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.



32.6115, 0.2509, 0.2663



32.6115, 0.3925, 0.3676



32.6115, 0.2445, 0.3153

Square

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



32.6115, 0.3925, 0.3676



32.6115, 0.3034, 0.3877



32.6115, 0.2387, 0.2835



32.6115, 0.3182, 0.2789

Rectangle

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



32.6115, 0.3925, 0.3676



32.6115, 0.3556, 0.4008



32.6115, 0.2387, 0.2835



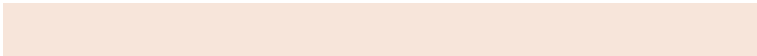
32.6115, 0.2682, 0.2639

Sweetspot

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



32.6130, 0.3925, 0.3676



80.8700, 0.3330, 0.3405



26.4691, 0.3476, 0.2664



17.4803, 0.3354, 0.3418



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



32.6130, 0.3925, 0.3676



52.1848, 0.4179, 0.3764



45.4595, 0.3745, 0.4128



10.1125, 0.3279, 0.3377



10.4971, 0.5736, 0.3828



0.5382, 0.5285, 0.4185

Inverse Universe

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



33.7254, 0.2533, 0.2863



54.4370, 0.2402, 0.2744



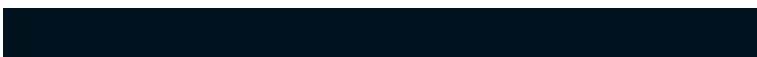
22.6818, 0.2446, 0.2282



10.1859, 0.2984, 0.3201



11.2510, 0.1893, 0.2015



0.5630, 0.1988, 0.2355

Previews

White Background



This preview shows how the Yxy color 32.6115, 0.3925, 0.3676 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 32.6115, 0.3925, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

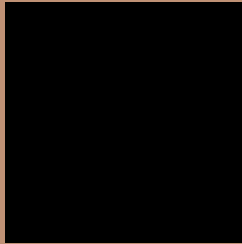
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6115, 0.3925, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 32.6115, 0.3925, 0.3676.



This preview shows how white text looks on a background with the Yxy color 32.6115, 0.3925, 0.3676.

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

32.6115, 0.3925, 0.3676

Protanopia

32.8225, 0.3555, 0.3802

Deuteranopia

32.8231, 0.3827, 0.3758



Tritanopia

32.4599, 0.3604, 0.3144

Trichromacy



Original Color

32.6115, 0.3925, 0.3676

Protanomaly

32.4880, 0.3678, 0.3745

Deuteranomaly

32.8799, 0.3865, 0.3738

Tritanomaly

32.5475, 0.3719, 0.3333

Monochromacy



Original Color

32.6115, 0.3925, 0.3676

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8445, 0.3399, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6115, 0.3925, 0.3676 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(191, 145, 117)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 117)  
}
```

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(191, 145, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 117) }
```

Border

The CSS property to change the border of an element to Yxy 32.6115, 0.3925, 0.3676 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(191, 145, 117) }
```

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

```
.border{ border-color:rgb(191, 145, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 145, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 145, 117);  
box-shadow:4px 4px 4px 4px rgb(191, 145,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6115, 0.3925, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 117) }
```

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

```
.background{ background-color: rgb(191,  
145, 117) }
```

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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