

Converting Colors

$Yxy(32.1346, 0.3826, 0.3642)$

Have a look what the booklet for
Yxy(32.1346, 0.3826, 0.3642)
contains.

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Color

Yxy(32.0460, 0.3838, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	BA9178
RGB	186, 145, 120
RGB Percent	73%, 57%, 47%
CMY	0.2705, 0.4314, 0.5294
CMYK	0.00, 0.22, 0.35, 0.27
HSL	23°, 32%, 60%
HSV	23°, 35%, 73%
XYZ	33.7706, 32.0460, 22.1735
YIQ	154.4090, 32.4610, 0.9170

Conversions

Conversions Part 2

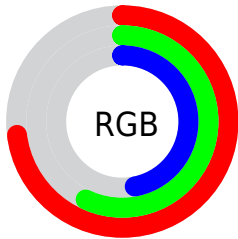
Format	Color
RYB	186, 160, 120
Decimal	12226936
CIELab	63.38, 11.98, 19.20
CIELCh	63, 22.627, 58.039
Yxy	32.0460, 0.3838, 0.3642
Android (android.graphics.Color)	4290417016 (0xFFBA9178)
YUV	154.4090, -16.9636, 27.7053
Hunter-Lab	56.6092, 7.4193, 16.4029

Details

The Yxy color **32.0460, 0.3838, 0.3642** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.0413, 0.2582, 0.2906**, and the grayscale version is **32.5709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8801, 0.3695, 0.3584**, and **13.4646, 0.4070, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **28.2837, 0.4111, 0.3742**, and if you desaturate by 10%, it is **36.2586, 0.3599, 0.3539**.

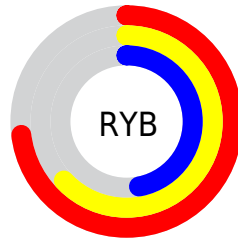
Distribution



Red (73%)

Green (57%)

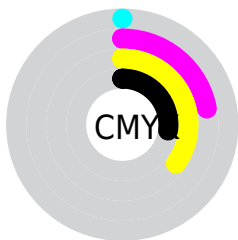
Blue (47%)



Red (73%)

Yellow (63%)

Blue (47%)

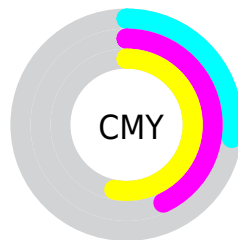


Cyan (0%)

Magenta (22%)

Yellow (35%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0460, 0.3838, 0.3642 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 32.0460, 0.3838, 0.3642 by changing the saturation by 10% instead.


 32.0460, 0.3838,
0.3642


 32.0460, 0.3838,
0.3642


311.3287, 0.3458,
0.3465


 21.3966, 0.3941,
0.3685


 62.8832, 0.3694,
0.3578

 13.4142, 0.4077,
0.3739


 83.8398, 0.3642,
0.3554

 7.7144, 0.4265,
0.3808


 109.0010, 0.3598,
0.3533

 3.9128, 0.4541,
0.3894

138.7511, 0.3562,
0.3516

 1.6249, 0.5165,
0.4144

173.4745, 0.3530,
0.3501

 0.3743, 0.6339,
0.3661

213.5557, 0.3503,

 0.0000, 0.0000,

0.3487

0.0000

259.3789, 0.3479,
0.3476

■ 32.0460, 0.3838,
0.3642

■ 32.0460, 0.3838,
0.3642

■ 28.2837, 0.4111,
0.3742

■ 36.2586, 0.3599,
0.3539

■ 24.9515, 0.4414,
0.3830

■ 40.9320, 0.3391,
0.3437

■ 22.0339, 0.4739,
0.3896

■ 46.0819, 0.3214,
0.3341


■ 19.5129, 0.5069,
0.3928

■ 51.7218, 0.3062,
0.3250


■ 17.3686, 0.5381,
0.3914


■ 57.8647, 0.2932,
0.3166


 15.5787, 0.5647,
0.3848

 64.5230, 0.2821,
0.3090

 14.8758, 0.5757,
0.3811

 71.7088, 0.2725,
0.3020

 78.5113, 0.2713,
0.3099

 85.4415, 0.2725,
0.3225

Harmonies

Analogous

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



32.0460, 0.3780, 0.3355



32.0460, 0.3838, 0.3642



32.0460, 0.3694, 0.3861

Triad

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



32.0460, 0.3838, 0.3642



32.0460, 0.2722, 0.3515



32.0460, 0.2831, 0.2717

Complementary

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



32.0460, 0.3838, 0.3642



33.0413, 0.2582, 0.2906

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.



32.0460, 0.2575, 0.2727



32.0460, 0.3838, 0.3642



32.0460, 0.2514, 0.3168

Square

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



32.0460, 0.3838, 0.3642



32.0460, 0.3043, 0.3807



32.0460, 0.2463, 0.2883



32.0460, 0.3181, 0.2841

Rectangle

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



32.0460, 0.3838, 0.3642



32.0460, 0.3510, 0.3929



32.0460, 0.2463, 0.2883



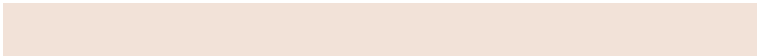
32.0460, 0.2732, 0.2705

Sweetspot

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



32.0475, 0.3838, 0.3642



78.0828, 0.3311, 0.3395



26.4773, 0.3437, 0.2718



16.9191, 0.3336, 0.3408



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.



32.0475, 0.3838, 0.3642



52.4062, 0.4060, 0.3724



43.3327, 0.3690, 0.4057



9.5544, 0.3279, 0.3377



10.1387, 0.5734, 0.3829



0.4782, 0.5249, 0.4215

Inverse Universe

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



33.0413, 0.2582, 0.2906



54.4628, 0.2461, 0.2800



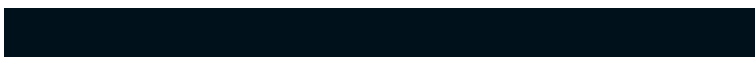
23.1876, 0.2512, 0.2384



9.6239, 0.2985, 0.3201



10.8736, 0.1894, 0.2018



0.4985, 0.1995, 0.2383

Previews

White Background



This preview shows how the Yxy color 32.0460, 0.3838, 0.3642 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 32.0460, 0.3838, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

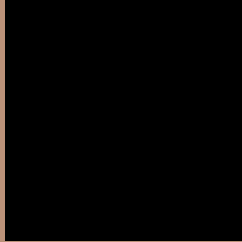
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0460, 0.3838, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 32.0460, 0.3838, 0.3642.



This preview shows how white text looks on a background with the Yxy color 32.0460, 0.3838, 0.3642.

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

32.0460, 0.3838, 0.3642

Protanopia

32.0242, 0.3511, 0.3732

Deuteranopia

32.2392, 0.3757, 0.3693



Tritanopia

32.1029, 0.3547, 0.3154

Trichromacy



Original Color

32.0460, 0.3838, 0.3642

Protanomaly

31.9007, 0.3619, 0.3691

Deuteranomaly

32.1686, 0.3784, 0.3676

Tritanomaly

31.9308, 0.3653, 0.3319

Monochromacy



Original Color

32.0460, 0.3838, 0.3642

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.1932, 0.3370, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0460, 0.3838, 0.3642 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(186, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(186, 145, 120)  
}
```

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(186, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 145, 120) }
```

Border

The CSS property to change the border of an element to Yxy 32.0460, 0.3838, 0.3642 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(186, 145, 120) }
```

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

```
.border{ border-color:rgb(186, 145, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(186, 145,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0460, 0.3838, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 145, 120) }
```

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

```
.background{ background-color: rgb(186,  
145, 120) }
```

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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