

Converting Colors

$Yxy(32.2206, 0.3847, 0.3912)$

Have a look what the booklet for
Yxy(32.2206, 0.3847, 0.3912)
contains.

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Color

Yxy(32.2213, 0.3847, 0.3912)

Conversions

Conversions Part 1

Format	Color
Hex	B1966B
RGB	177, 150, 107
RGB Percent	69%, 59%, 42%
CMY	0.3060, 0.4117, 0.5804
CMYK	0.00, 0.15, 0.40, 0.31
HSL	37°, 31%, 56%
HSV	37°, 40%, 69%
XYZ	31.6859, 32.2213, 18.4581
YIQ	153.1710, 29.8950, -7.6490

Conversions

Conversions Part 2

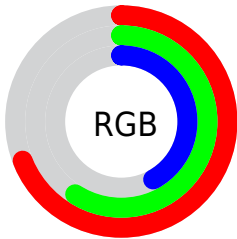
Format	Color
RYB	151, 177, 107
Decimal	11638379
CIELab	63.53, 3.91, 26.42
CIElCh	64, 26.711, 81.579
Yxy	32.2213, 0.3847, 0.3912
Android (android.graphics.Color)	4289828459 (0xFFB1966B)
YUV	153.1710, -22.7623, 20.8980
Hunter-Lab	56.7638, 0.3032, 20.4552

Details

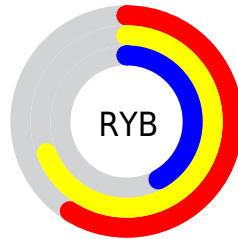
The Yxy color **32.2213, 0.3847, 0.3912** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3344, 0.2481, 0.2571**, and the grayscale version is **32.0242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1814, 0.3706, 0.3790**, and **13.4504, 0.4079, 0.4089** is the 20% darker color. If you saturate the color by 10%, you get **29.7748, 0.4067, 0.4064**, and if you desaturate by 10%, it is **34.8736, 0.3640, 0.3752**.

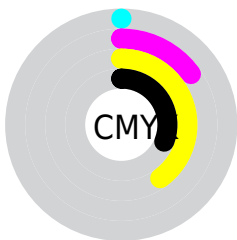
Distribution



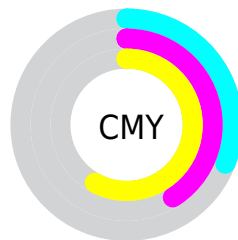
- Red (69%)
- Green (59%)
- Blue (42%)



- Red (59%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2213, 0.3847, 0.3912 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 32.2213, 0.3847, 0.3912 by changing the saturation by 10% instead.


 32.2213, 0.3847,
0.3912


 32.2213, 0.3847,
0.3912


312.1261, 0.3468,
0.3590

 21.5306, 0.3946,
0.3994


 63.1579, 0.3705,
0.3794


 13.5124, 0.4076,
0.4098


 84.1725, 0.3653,
0.3749

 7.7823, 0.4249,
0.4233


 109.3972, 0.3609,
0.3712

 3.9560, 0.4487,
0.4410

 139.2164, 0.3572,
0.3681

 1.6490, 0.5100,
0.4900

174.0145, 0.3541,
0.3653

 0.3903, 0.5445,
0.4555

214.1759, 0.3513,

 0.0000, 0.0000,

0.3630

0.0000

260.0850, 0.3489,
0.3609

■ 32.2213, 0.3847,
0.3912

■ 32.2213, 0.3847,
0.3912

■ 29.7748, 0.4067,
0.4064

■ 34.8736, 0.3640,
0.3752

■ 27.5227, 0.4292,
0.4198

■ 37.7336, 0.3449,
0.3590

■ 25.4593, 0.4516,
0.4304

■ 40.8087, 0.3276,
0.3433

■ 23.5763, 0.4725,
0.4369

■ 44.1047, 0.3120,
0.3283

■ 21.8645, 0.4908,
0.4385

■ 47.6270, 0.2982,
0.3143

■ 20.3078, 0.5065,
0.4356

■ 51.3807, 0.2859,
0.3012

■ 20.2389, 0.5072,
0.4355

■ 55.3709, 0.2751,
0.2892

■ 59.6023, 0.2655,
0.2782

■ 63.3325, 0.2629,
0.2795

Harmonies

Analogous

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



32.2213, 0.3972, 0.3626



32.2213, 0.3847, 0.3912



32.2213, 0.3528, 0.4050

Triad

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



32.2213, 0.3847, 0.3912



32.2213, 0.2448, 0.3227



32.2213, 0.3094, 0.2725

Complementary

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



32.2213, 0.3847, 0.3912



23.3344, 0.2481, 0.2571

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.



32.2213, 0.2702, 0.2612



32.2213, 0.3847, 0.3912



32.2213, 0.2349, 0.2868

Square

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



32.2213, 0.3847, 0.3912



32.2213, 0.2722, 0.3642



32.2213, 0.2439, 0.2656



32.2213, 0.3522, 0.2965

Rectangle

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



32.2213, 0.3847, 0.3912



32.2213, 0.3256, 0.4017



32.2213, 0.2439, 0.2656



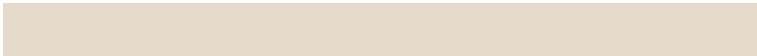
32.2213, 0.2954, 0.2671

Sweetspot

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



32.2228, 0.3847, 0.3912



71.6097, 0.3320, 0.3474



21.6069, 0.3701, 0.2882



15.3669, 0.3342, 0.3494



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



32.2228, 0.3847, 0.3912



54.0830, 0.4028, 0.4039



41.0356, 0.3641, 0.4276



9.3459, 0.3272, 0.3430



14.7899, 0.5060, 0.4365



0.5742, 0.4760, 0.4602

Inverse Universe

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



23.3344, 0.2481, 0.2571



36.0550, 0.2339, 0.2388



17.2649, 0.2478, 0.2125



8.7490, 0.2985, 0.3146



5.4208, 0.1679, 0.1245



0.2856, 0.1842, 0.1829

Previews

White Background



This preview shows how the Yxy color 32.2213, 0.3847, 0.3912 looks on a white background.

Color Contrast Check

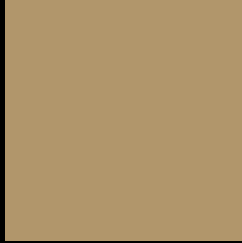
Large Text (above 18pt) WCAG AA × Fail

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 32.2213, 0.3847, 0.3912 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 32.2213, 0.3847, 0.3912

Background



This preview shows how black text looks on a background with the Yxy color 32.2213, 0.3847, 0.3912.



This preview shows how white text looks on a background with the Yxy color 32.2213, 0.3847, 0.3912.

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

32.2213, 0.3847, 0.3912

Protanopia

32.3223, 0.3687, 0.3967

Deuteranopia

32.0174, 0.3920, 0.3842



Tritanopia

32.2582, 0.3422, 0.3137

Trichromacy



Original Color

32.2213, 0.3847, 0.3912

Protanomaly

32.4112, 0.3745, 0.3957

Deuteranomaly

32.0863, 0.3893, 0.3860

Tritanomaly

32.0960, 0.3574, 0.3405

Monochromacy



Original Color

32.2213, 0.3847, 0.3912

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.9154, 0.3385, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2213, 0.3847, 0.3912 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(177, 150, 107)` looks like.

```
.text, #text, p{  
    color:rgb(177, 150, 107)  
}
```

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(177, 150, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 150, 107) }
```

Border

The CSS property to change the border of an element to Yxy 32.2213, 0.3847, 0.3912 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(177, 150, 107) }
```

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

```
.border{ border-color:rgb(177, 150, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 150, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 150, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 150, 107);  
box-shadow:4px 4px 4px 4px rgb(177, 150,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2213, 0.3847, 0.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 150, 107) }
```

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

```
.background{ background-color: rgb(177,  
150, 107) }
```

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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