

Converting Colors

Yxy(32.3688, 0.4322, 0.4094)

Have a look what the booklet for
Yxy(32.3688, 0.4322, 0.4094)
contains.

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Color

Yxy(32.4621, 0.4320, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	C39152
RGB	195, 145, 82
RGB Percent	76%, 57%, 32%
CMY	0.2353, 0.4314, 0.6785
CMYK	0.00, 0.26, 0.58, 0.24
HSL	33°, 49%, 54%
HSV	33°, 58%, 76%
XYZ	34.1540, 32.4621, 12.4441
YIQ	152.7680, 50.0230, -8.9930

Conversions

Conversions Part 2

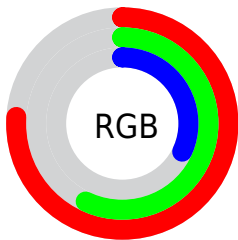
Format	Color
RYB	172, 195, 82
Decimal	12816722
CIELab	63.72, 11.84, 40.40
CIELCh	64, 42.094, 73.667
Yxy	32.4621, 0.4320, 0.4106
Android (android.graphics.Color)	4291006802 (0xFFC39152)
YUV	152.7680, -34.8886, 37.0375
Hunter-Lab	56.9755, 7.2947, 26.9333

Details

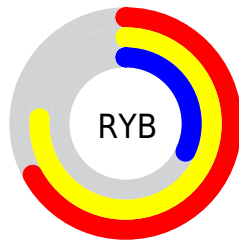
The Yxy color **32.4621, 0.4320, 0.4106** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **22.2297, 0.2189, 0.2255**, and the grayscale version is **31.8875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6111, 0.4092, 0.3972**, and **13.7032, 0.4653, 0.4290** is the 20% darker color. If you saturate the color by 10%, you get **29.6707, 0.4569, 0.4204**, and if you desaturate by 10%, it is **35.5412, 0.4073, 0.3980**.

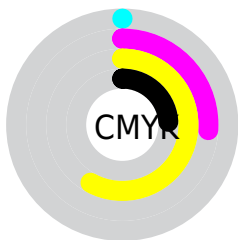
Distribution



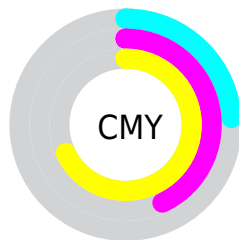
- Red (76%)
- Green (57%)
- Blue (32%)



- Red (67%)
- Yellow (76%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (58%)
- Black (24%)




- Cyan (24%)
- Magenta (43%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4621, 0.4320, 0.4106 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 32.4621, 0.4320, 0.4106 by changing the saturation by 10% instead.


 32.4621, 0.4320,
0.4106


 32.4621, 0.4320,
0.4106


313.2189, 0.3701,
0.3711

 21.7147, 0.4473,
0.4191


 63.5348, 0.4094,
0.3970

 13.6474, 0.4664,
0.4288


 84.6289, 0.4009,
0.3916


 7.8759, 0.4903,
0.4390


 109.9407, 0.3937,
0.3870

 4.0156, 0.5352,
0.4608

 139.8546, 0.3876,
0.3830

 1.6823, 0.5534,
0.4466

 174.7550, 0.3823,
0.3794

 0.4122, 0.6229,
0.3771

215.0262, 0.3777,

 0.0000, 0.0000,

0.3763

0.0000

261.0527, 0.3737,
0.3736

■ 32.4621, 0.4320,
0.4106

■ 32.4621, 0.4320,
0.4106

■ 29.6707, 0.4569,
0.4204

■ 35.5412, 0.4073,
0.3980

■ 27.1506, 0.4809,
0.4263

■ 38.9140, 0.3839,
0.3838

■ 24.8899, 0.5025,
0.4272

■ 42.5921, 0.3623,
0.3690

■ 22.8712, 0.5207,
0.4230

■ 46.5850, 0.3427,
0.3542

■ 22.4842, 0.5244,
0.4219

■ 50.9015, 0.3252,
0.3399

■ 55.5500, 0.3097,
0.3263

■ 60.5388, 0.2961,
0.3136

■ 65.8755, 0.2841,
0.3019

■ 71.4066, 0.2750,
0.2937

Harmonies

Analogous

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



32.4621, 0.4443, 0.3623



32.4621, 0.4320, 0.4106



32.4621, 0.3872, 0.4449

Triad

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



32.4621, 0.4320, 0.4106



32.4621, 0.2172, 0.3342



32.4621, 0.2889, 0.2383

Complementary

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



32.4621, 0.4320, 0.4106



22.2297, 0.2189, 0.2255

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.



32.4621, 0.2346, 0.2265



32.4621, 0.4320, 0.4106



32.4621, 0.1968, 0.2736

Square

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



32.4621, 0.4320, 0.4106



32.4621, 0.2629, 0.4025



32.4621, 0.2030, 0.2373



32.4621, 0.3565, 0.2687

Rectangle

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



32.4621, 0.4320, 0.4106



32.4621, 0.3467, 0.4504



32.4621, 0.2030, 0.2373



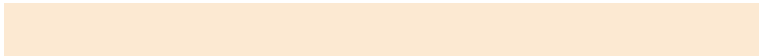
32.4621, 0.2686, 0.2321

Sweetspot

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



32.4637, 0.4320, 0.4106



83.9510, 0.3414, 0.3532



19.3231, 0.4054, 0.2634



18.0513, 0.3452, 0.3562



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.4637, 0.4320, 0.4106



51.6768, 0.4646, 0.4227



50.5041, 0.3895, 0.4671



10.9885, 0.3275, 0.3418



14.7830, 0.5225, 0.4233



0.7743, 0.4935, 0.4463

Inverse Universe

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



22.2297, 0.2189, 0.2255



31.6634, 0.2000, 0.1970



12.0286, 0.2057, 0.1468



10.4649, 0.2984, 0.3158



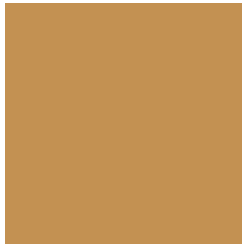
7.0758, 0.1725, 0.1409



0.4429, 0.1847, 0.1847

Previews

White Background



This preview shows how the Yxy color 32.4621, 0.4320, 0.4106 looks on a white background.

Color Contrast Check

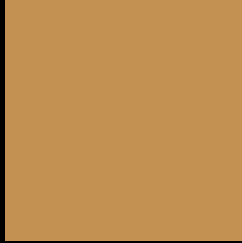
Large Text (above 18pt) WCAG AA × Fail

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 32.4621, 0.4320, 0.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

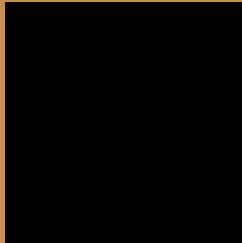
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4621, 0.4320, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 32.4621, 0.4320, 0.4106.



This preview shows how white text looks on a background with the Yxy color 32.4621, 0.4320, 0.4106.

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

32.4621, 0.4320, 0.4106

Protanopia

32.6446, 0.3944, 0.4301

Deuteranopia

32.4087, 0.4258, 0.4163



Tritanopia

32.3088, 0.3712, 0.3147

Trichromacy



Original Color

32.4621, 0.4320, 0.4106

Protanomaly

32.3570, 0.4081, 0.4224

Deuteranomaly

32.3583, 0.4288, 0.4142

Tritanomaly

32.2172, 0.3951, 0.3506

Monochromacy



Original Color

32.4621, 0.4320, 0.4106

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.6698, 0.3545, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4621, 0.4320, 0.4106 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(195, 145, 82)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 82)  
}
```

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(195, 145, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 82) }
```

Border

The CSS property to change the border of an element to Yxy 32.4621, 0.4320, 0.4106 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(195, 145, 82) }
```

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

```
.border{ border-color:rgb(195, 145, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 145, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 82);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4621, 0.4320, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 82) }
```

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

```
.background{ background-color: rgb(195,  
145, 82) }
```

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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