

Converting Colors

$Y_{xy}(32.1975, 0.4298, 0.4114)$

Have a look what the booklet for
Yxy(32.1975, 0.4298, 0.4114)
contains.

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Color

Yxy(32.1975, 0.4298, 0.4114)

Conversions

Conversions Part 1

Format	Color
Hex	C19152
RGB	193, 145, 82
RGB Percent	76%, 57%, 32%
CMY	0.2432, 0.4313, 0.6784
CMYK	0.00, 0.25, 0.57, 0.24
HSL	34°, 47%, 54%
HSV	34°, 57%, 76%
XYZ	33.6375, 32.1975, 12.4282
YIQ	152.1700, 48.8310, -9.4170

Conversions

Conversions Part 2

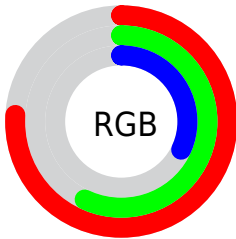
Format	Color
RYB	167, 193, 82
Decimal	12685650
CIELab	63.51, 10.97, 40.06
CIELCh	64, 41.538, 74.682
Yxy	32.1975, 0.4298, 0.4114
Android (android.graphics.Color)	4290875730 (0xFFC19152)
YUV	152.1700, -34.5938, 35.8079
Hunter-Lab	56.7428, 6.5160, 26.7339

Details

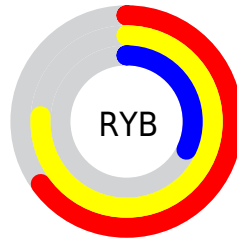
The Yxy color **32.1975, 0.4298, 0.4114** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **21.6060, 0.2192, 0.2246**, and the grayscale version is **31.6144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2357, 0.4075, 0.3977**, and **13.5342, 0.4625, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **29.4884, 0.4543, 0.4216**, and if you desaturate by 10%, it is **35.1796, 0.4056, 0.3985**.

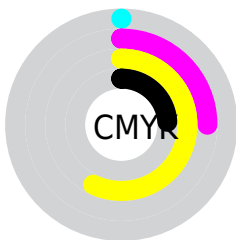
Distribution



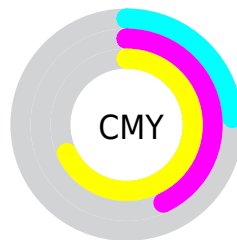
- Red (76%)
- Green (57%)
- Blue (32%)



- Red (65%)
- Yellow (76%)
- Blue (32%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1975, 0.4298, 0.4114 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 32.1975, 0.4298, 0.4114 by changing the saturation by 10% instead.


 32.1975, 0.4298,
0.4114


 32.1975, 0.4298,
0.4114


312.0179, 0.3690,
0.3713

 21.5124, 0.4449,
0.4202


 63.1206, 0.4076,
0.3975


 13.4991, 0.4637,
0.4302


 84.1273, 0.3992,
0.3921

 7.7731, 0.4872,
0.4410


 109.3434, 0.3922,
0.3873

 3.9501, 0.5320,
0.4641

 139.1533, 0.3862,
0.3833

 1.6457, 0.5492,
0.4508

 173.9413, 0.3810,
0.3797

 0.3881, 0.6213,
0.3787

214.0918, 0.3765,

 0.0000, 0.0000,

0.3765

0.0000

259.9892, 0.3725,
0.3737

■ 32.1975, 0.4298,
0.4114

■ 32.1975, 0.4298,
0.4114

■ 29.4884, 0.4543,
0.4216

■ 35.1796, 0.4056,
0.3985

■ 27.0365, 0.4779,
0.4279

■ 38.4402, 0.3825,
0.3841

■ 24.8308, 0.4991,
0.4293

■ 41.9902, 0.3611,
0.3690

■ 22.8552, 0.5170,
0.4255

■ 45.8386, 0.3417,
0.3539

■ 22.3911, 0.5213,
0.4242

■ 49.9937, 0.3244,
0.3394

■ 54.4635, 0.3090,
0.3256

■ 59.2556, 0.2955,
0.3128

■ 64.3774, 0.2836,
0.3009

■ 69.7906, 0.2735,
0.2907

Harmonies

Analogous

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



32.1975, 0.4431, 0.3638



32.1975, 0.4298, 0.4114



32.1975, 0.3847, 0.4444

Triad

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



32.1975, 0.4298, 0.4114



32.1975, 0.2170, 0.3319



32.1975, 0.2913, 0.2398

Complementary

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



32.1975, 0.4298, 0.4114



21.6060, 0.2192, 0.2246

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.



32.1975, 0.2368, 0.2275



32.1975, 0.4298, 0.4114



32.1975, 0.1977, 0.2726

Square

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



32.1975, 0.4298, 0.4114



32.1975, 0.2616, 0.3996



32.1975, 0.2047, 0.2374



32.1975, 0.3583, 0.2706

Rectangle

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



32.1975, 0.4298, 0.4114



32.1975, 0.3443, 0.4489



32.1975, 0.2047, 0.2374



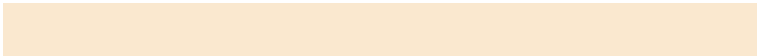
32.1975, 0.2710, 0.2335

Sweetspot

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



32.1991, 0.4298, 0.4114



82.2827, 0.3413, 0.3536



18.9869, 0.4072, 0.2662



17.3434, 0.3451, 0.3566



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.



32.1991, 0.4298, 0.4114



51.6481, 0.4605, 0.4237



49.1274, 0.3873, 0.4670



11.0055, 0.3275, 0.3421



15.0576, 0.5197, 0.4256



0.7855, 0.4915, 0.4479

Inverse Universe

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



21.6060, 0.2192, 0.2246



30.9528, 0.2008, 0.1969



12.0316, 0.2082, 0.1491



10.4481, 0.2984, 0.3156



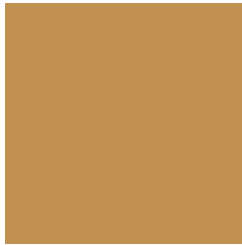
6.8724, 0.1716, 0.1378



0.4337, 0.1839, 0.1820

Previews

White Background



This preview shows how the Yxy color 32.1975, 0.4298, 0.4114 looks on a white background.

Color Contrast Check

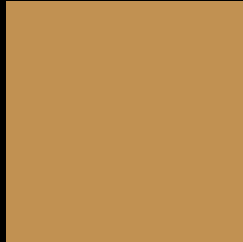
Large Text (above 18pt) WCAG AA × Fail

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 32.1975, 0.4298, 0.4114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

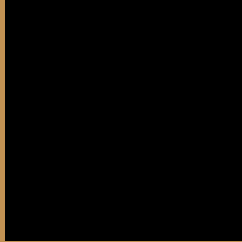
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1975, 0.4298, 0.4114

Background



This preview shows how black text looks on a background with the Yxy color 32.1975, 0.4298, 0.4114.



This preview shows how white text looks on a background with the Yxy color 32.1975, 0.4298, 0.4114.

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

32.1975, 0.4298, 0.4114

Protanopia

32.2021, 0.3940, 0.4293

Deuteranopia

32.2955, 0.4239, 0.4155



Tritanopia

32.0352, 0.3690, 0.3146

Trichromacy



Original Color

32.1975, 0.4298, 0.4114

Protanomaly

32.2383, 0.4070, 0.4229

Deuteranomaly

32.1141, 0.4258, 0.4139

Tritanomaly

31.9472, 0.3929, 0.3508

Monochromacy



Original Color

32.1975, 0.4298, 0.4114

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2427, 0.3538, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1975, 0.4298, 0.4114 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(193, 145, 82)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 145, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 82) }
```

Border

The CSS property to change the border of an element to Yxy 32.1975, 0.4298, 0.4114 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(193, 145, 82) }
```

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

```
.border{ border-color:rgb(193, 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(193, 145, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 145, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 145, 82);  
box-shadow:4px 4px 4px 4px rgb(193, 145,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1975, 0.4298, 0.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 82) }
```

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

```
.background{ background-color: rgb(193,  
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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