

Converting Colors

$Yxy(32.3986, 0.3969, 0.3644)$

Have a look what the booklet for
Yxy(32.3986, 0.3969, 0.3644)
contains.

Yxy(32.3986, 0.3969, 0.3644)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.3986, 0.3969, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	C28F75
RGB	194, 143, 117
RGB Percent	76%, 56%, 46%
CMY	0.2391, 0.4393, 0.5412
CMYK	0.00, 0.26, 0.40, 0.24
HSL	20°, 39%, 61%
HSV	20°, 40%, 76%
XYZ	35.2882, 32.3986, 21.2227
YIQ	155.2850, 38.7420, 2.7260

Conversions

Conversions Part 2

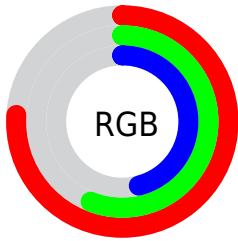
Format	Color
RYB	194, 156, 117
Decimal	12750709
CIELab	63.67, 15.95, 21.40
CIELCh	64, 26.695, 53.299
Yxy	32.3986, 0.3969, 0.3644
Android (android.graphics.Color)	4290940789 (0xFFC28F75)
YUV	155.2850, -18.8745, 33.9531
Hunter-Lab	56.9198, 11.0538, 17.7374

Details

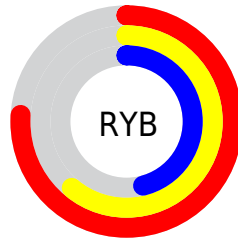
The Yxy color **32.3986, 0.3969, 0.3644** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.7005, 0.2525, 0.2900**, and the grayscale version is **32.9850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4925, 0.3800, 0.3587**, and **13.6616, 0.4229, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **28.3487, 0.4268, 0.3730**, and if you desaturate by 10%, it is **36.9886, 0.3706, 0.3552**.

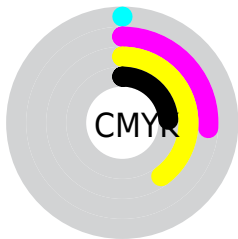
Distribution



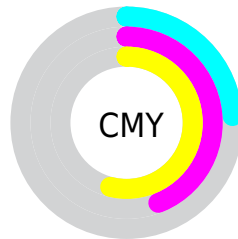
- Red (76%)
- Green (56%)
- Blue (46%)



- Red (76%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (24%)




- Cyan (24%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3986, 0.3969, 0.3644 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 32.3986, 0.3969, 0.3644 by changing the saturation by 10% instead.


 32.3986, 0.3969,
0.3644


 32.3986, 0.3969,
0.3644


312.9310, 0.3520,
0.3471

 21.6661, 0.4090,
0.3684


 63.4354, 0.3799,
0.3583

 13.6118, 0.4249,
0.3732


 84.5086, 0.3737,
0.3560

 7.8512, 0.4469,
0.3790


 109.7975, 0.3686,
0.3539

 3.9999, 0.4786,
0.3853

139.6864, 0.3642,
0.3522

 1.6735, 0.5536,
0.4093

174.5599, 0.3605,
0.3507

 0.4064, 0.6562,
0.3438

214.8022, 0.3573,

 0.0000, 0.0000,

0.3493

0.0000

260.7978, 0.3545,
0.3482

■ 32.3986, 0.3969,
0.3644

■ 32.3986, 0.3969,
0.3644

■ 28.3487, 0.4268,
0.3730

■ 36.9886, 0.3706,
0.3552

■ 24.8136, 0.4599,
0.3800

■ 42.1337, 0.3480,
0.3460

■ 21.7726, 0.4949,
0.3844


■ 47.8539, 0.3287,
0.3371


■ 19.2015, 0.5296,
0.3849


■ 54.1668, 0.3123,
0.3288

■ 17.0737, 0.5608,
0.3806

■ 61.0893, 0.2984,
0.3210


 15.3538, 0.5865,
0.3721

 68.6375, 0.2866,
0.3139

 15.3080, 0.5873,
0.3719

 76.8270, 0.2765,
0.3074

 84.5128, 0.2765,
0.3192

 90.2140, 0.2773,
0.3289

Harmonies

Analogous

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



32.3986, 0.3864, 0.3305



32.3986, 0.3969, 0.3644



32.3986, 0.3831, 0.3923

Triad

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



32.3986, 0.3969, 0.3644



32.3986, 0.2703, 0.3619



32.3986, 0.2723, 0.2616

Complementary

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



32.3986, 0.3969, 0.3644



35.7005, 0.2525, 0.2900

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.



32.3986, 0.2451, 0.2650



32.3986, 0.3969, 0.3644



32.3986, 0.2439, 0.3204

Square

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



32.3986, 0.3969, 0.3644



32.3986, 0.3091, 0.3944



32.3986, 0.2351, 0.2853



32.3986, 0.3119, 0.2737

Rectangle

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



32.3986, 0.3969, 0.3644



32.3986, 0.3629, 0.4031



32.3986, 0.2351, 0.2853



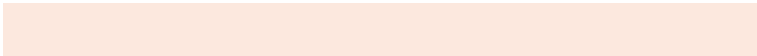
32.3986, 0.2615, 0.2609

Sweetspot

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



32.4001, 0.3969, 0.3644



83.9873, 0.3332, 0.3393



27.0369, 0.3457, 0.2617



18.0840, 0.3357, 0.3405



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.



32.4001, 0.3969, 0.3644



51.9902, 0.4239, 0.3722



45.8859, 0.3773, 0.4119



10.6209, 0.3281, 0.3368



10.1977, 0.5849, 0.3738



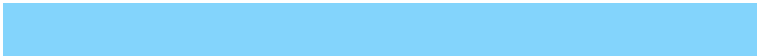
0.5694, 0.5410, 0.4086

Inverse Universe

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



35.7005, 0.2525, 0.2900



58.7753, 0.2399, 0.2793



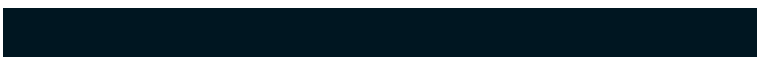
23.6009, 0.2432, 0.2293



10.8375, 0.2984, 0.3211



12.9620, 0.1933, 0.2160



0.6832, 0.2012, 0.2442

Previews

White Background



This preview shows how the Yxy color 32.3986, 0.3969, 0.3644 looks on a white background.

Color Contrast Check

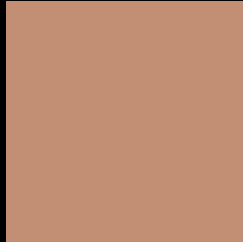
Large Text (above 18pt) WCAG AA × Fail

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 32.3986, 0.3969, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

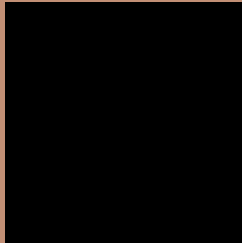
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3986, 0.3969, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 32.3986, 0.3969, 0.3644.



This preview shows how white text looks on a background with the Yxy color 32.3986, 0.3969, 0.3644.

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

32.3986, 0.3969, 0.3644

Protanopia

32.4089, 0.3538, 0.3775

Deuteranopia

32.3858, 0.3821, 0.3746



Tritanopia

32.5055, 0.3662, 0.3159

Trichromacy



Original Color

32.3986, 0.3969, 0.3644

Protanomaly

32.2827, 0.3693, 0.3729

Deuteranomaly

32.2578, 0.3875, 0.3712

Tritanomaly

32.2981, 0.3782, 0.3332

Monochromacy



Original Color

32.3986, 0.3969, 0.3644

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4913, 0.3411, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3986, 0.3969, 0.3644 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(194, 143, 117)` looks like.

```
.text, #text, p{  
    color:rgb(194, 143, 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(194, 143, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 143, 117) }
```

Border

The CSS property to change the border of an element to Yxy 32.3986, 0.3969, 0.3644 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(194, 143, 117) }
```

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

```
.border{ border-color:rgb(194, 143, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 143, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 143, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 143, 117);  
box-shadow:4px 4px 4px 4px rgb(194, 143,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3986, 0.3969, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 143, 117) }
```

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

```
.background{ background-color: rgb(194,  
143, 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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