

Converting Colors

$Yxy(32.9412, 0.4077, 0.3670)$

Have a look what the booklet for
Yxy(32.9412, 0.4077, 0.3670)
contains.

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Color

Yxy(32.8403, 0.4072, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	C88E72
RGB	200, 142, 114
RGB Percent	78%, 56%, 45%
CMY	0.2157, 0.4431, 0.5529
CMYK	0.00, 0.29, 0.43, 0.22
HSL	20°, 44%, 62%
HSV	20°, 43%, 78%
XYZ	36.5271, 32.8403, 20.3357
YIQ	156.1500, 43.5560, 3.5880

Conversions

Conversions Part 2

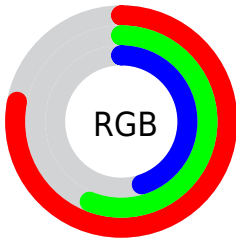
Format	Color
R_{YB}	200, 156, 114
Decimal	13143666
CIE _{Lab}	64.03, 18.56, 23.66
CIE _{LCh}	64, 30.072, 51.895
Yxy	32.8403, 0.4072, 0.3661
Android (android.graphics.Color)	4291333746 (0xFFC88E72)
YUV	156.1500, -20.7800, 38.4564
Hunter-Lab	57.3065, 13.4895, 19.0750

Details

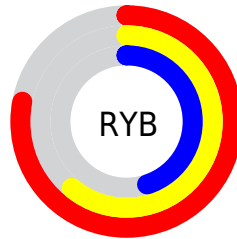
The Yxy color **32.8403, 0.4072, 0.3661** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.2459, 0.2480, 0.2876**, and the grayscale version is **33.3971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4930, 0.3853, 0.3605**, and **13.8048, 0.4386, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **28.6617, 0.4387, 0.3740**, and if you desaturate by 10%, it is **37.6071, 0.3793, 0.3573**.

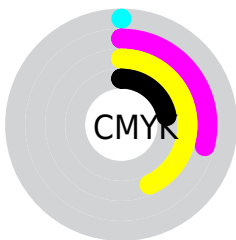
Distribution



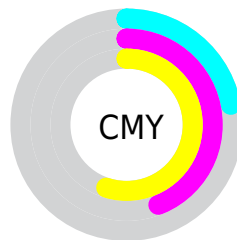
- Red (78%)
- Green (56%)
- Blue (45%)



- Red (78%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8403, 0.4072, 0.3661 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 32.8403, 0.4072, 0.3661 by changing the saturation by 10% instead.


 32.8403, 0.4072,
0.3661


 32.8403, 0.4072,
0.3661


314.9295, 0.3569,
0.3484

 22.0041, 0.4206,
0.3700


 64.1261, 0.3883,
0.3600

 13.8599, 0.4382,
0.3746


 85.3446, 0.3813,
0.3576

 8.0233, 0.4623,
0.3797


 110.7925, 0.3756,
0.3555

 4.1099, 0.4966,
0.3846

 140.8545, 0.3707,
0.3537

 1.7352, 0.5818,
0.4095

175.9147, 0.3665,
0.3521

 0.4463, 0.6629,
0.3371

216.3577, 0.3629,

 0.0000, 0.0000,

0.3507

0.0000

262.5679, 0.3597,
0.3495

■ 32.8403, 0.4072,
0.3661

■ 32.8403, 0.4072,
0.3661

■ 28.6617, 0.4387,
0.3740

■ 37.6071, 0.3793,
0.3573

■ 25.0429, 0.4732,
0.3800

■ 42.9797, 0.3553,
0.3484

■ 21.9596, 0.5091,
0.3830


■ 48.9808, 0.3348,
0.3396


■ 19.3841, 0.5435,
0.3817

■ 55.6305, 0.3174,
0.3314


■ 17.2853, 0.5732,
0.3755

■ 62.9479, 0.3027,
0.3237

 16.0734, 0.5907,
0.3692

 70.9513, 0.2902,
0.3166

 79.6583, 0.2796,
0.3102

 87.8011, 0.2801,
0.3236

 91.0173, 0.2805,
0.3289

Harmonies

Analogous

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



32.8403, 0.3942, 0.3284



32.8403, 0.4072, 0.3661



32.8403, 0.3926, 0.3982

Triad

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



32.8403, 0.4072, 0.3661



32.8403, 0.2669, 0.3681



32.8403, 0.2657, 0.2539

Complementary

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



32.8403, 0.4072, 0.3661



37.2459, 0.2480, 0.2876

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.



32.8403, 0.2365, 0.2582



32.8403, 0.4072, 0.3661



32.8403, 0.2370, 0.3211

Square

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



32.8403, 0.4072, 0.3661



32.8403, 0.3104, 0.4042



32.8403, 0.2264, 0.2812



32.8403, 0.3093, 0.2667

Rectangle

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



32.8403, 0.4072, 0.3661



32.8403, 0.3704, 0.4115



32.8403, 0.2264, 0.2812



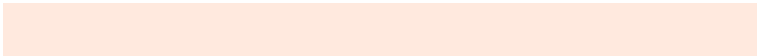
32.8403, 0.2540, 0.2533

Sweetspot

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



32.8419, 0.4072, 0.3661



84.6040, 0.3351, 0.3398



27.3219, 0.3478, 0.2544



17.5912, 0.3395, 0.3417



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.



32.8419, 0.4072, 0.3661



49.7979, 0.4379, 0.3738



47.8660, 0.3838, 0.4171



11.1917, 0.3282, 0.3366



10.3680, 0.5881, 0.3712



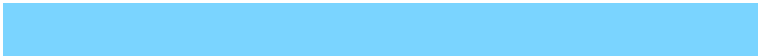
0.6237, 0.5468, 0.4040

Inverse Universe

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



37.2459, 0.2480, 0.2876



58.3799, 0.2349, 0.2763



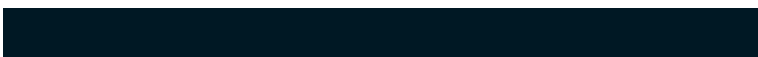
23.6521, 0.2370, 0.2214



11.4627, 0.2984, 0.3213



13.8133, 0.1945, 0.2200



0.7818, 0.2015, 0.2454

Previews

White Background



This preview shows how the Yxy color 32.8403, 0.4072, 0.3661 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 32.8403, 0.4072, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

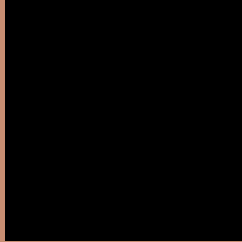
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8403, 0.4072, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 32.8403, 0.4072, 0.3661.



This preview shows how white text looks on a background with the Yxy color 32.8403, 0.4072, 0.3661.

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

32.8403, 0.4072, 0.3661

Protanopia

32.9057, 0.3576, 0.3816

Deuteranopia

32.8775, 0.3869, 0.3798



Tritanopia

32.7259, 0.3745, 0.3149

Trichromacy



Original Color

32.8403, 0.4072, 0.3661

Protanomaly

32.5857, 0.3747, 0.3753

Deuteranomaly

32.6972, 0.3951, 0.3745

Tritanomaly

32.7994, 0.3863, 0.3332

Monochromacy



Original Color

32.8403, 0.4072, 0.3661

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.8270, 0.3443, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8403, 0.4072, 0.3661 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(200, 142, 114)` looks like.

```
.text, #text, p{  
    color:rgb(200, 142, 114)  
}
```

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(200, 142, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 142, 114) }
```

Border

The CSS property to change the border of an element to Yxy 32.8403, 0.4072, 0.3661 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(200, 142, 114) }
```

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

```
.border{ border-color:rgb(200, 142, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 142, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 142, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 142, 114);  
box-shadow:4px 4px 4px 4px rgb(200, 142,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8403, 0.4072, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 142, 114) }
```

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

```
.background{ background-color: rgb(200,  
142, 114) }
```

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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