

Converting Colors

$Yxy(32.3417, 0.3082, 0.4024)$

Have a look what the booklet for
Yxy(32.3417, 0.3082, 0.4024)
contains.

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Color

Yxy(32.3804, 0.3084, 0.4018)

Conversions

Conversions Part 1

Format	Color
Hex	79A57A
RGB	121, 165, 122
RGB Percent	47%, 65%, 48%
CMY	0.5255, 0.3529, 0.5215
CMYK	0.27, 0.00, 0.26, 0.35
HSL	121°, 20%, 56%
HSV	121°, 27%, 65%
XYZ	24.8534, 32.3804, 23.3545
YIQ	146.9420, -12.4210, -22.7010

Conversions

Conversions Part 2

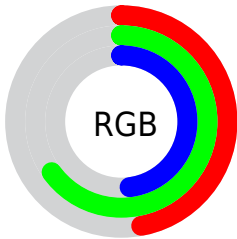
Format	Color
RYB	121, 164, 165
Decimal	7972218
CIELab	63.66, -23.61, 17.62
CIElCh	64, 29.461, 143.273
Yxy	32.3804, 0.3084, 0.4018
Android (android.graphics.Color)	4286162298 (0xFF79A57A)
YUV	146.9420, -12.2964, -22.7511
Hunter-Lab	56.9038, -21.6195, 15.4988

Details

The Yxy color **32.3804, 0.3084, 0.4018** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.3548, 0.3169, 0.2656**, and the grayscale version is **29.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2802, 0.3094, 0.3855**, and **13.6309, 0.3056, 0.4292** is the 20% darker color. If you saturate the color by 10%, you get **30.9227, 0.3066, 0.4345**, and if you desaturate by 10%, it is **34.1110, 0.3101, 0.3718**.

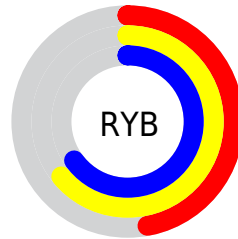
Distribution



Red (47%)

Green (65%)

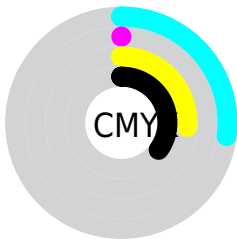
Blue (48%)



Red (47%)

Yellow (64%)

Blue (65%)

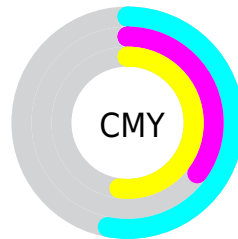


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (35%)



Cyan (53%)


Magenta (35%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3804, 0.3084, 0.4018 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 32.3804, 0.3084, 0.4018 by changing the saturation by 10% instead.


 32.3804, 0.3084,
0.4018


 32.3804, 0.3084,
0.4018


312.8485, 0.3115,
0.3617

 21.6522, 0.3072,
0.4132


 63.4070, 0.3098,
0.3862

 13.6016, 0.3053,
0.4289


 84.4741, 0.3103,
0.3807

 7.8441, 0.3022,
0.4515


 109.7564, 0.3106,
0.3761

 3.9953, 0.2963,
0.4869

139.6382, 0.3109,
0.3723

 1.6710, 0.2921,
0.5672

174.5039, 0.3111,
0.3690

 0.4047, 0.0000,
1.0000

214.7379, 0.3112,

 0.0000, 0.0000,

0.3662

0.0000

260.7247, 0.3114,
0.3638

■ 32.3804, 0.3084,
0.4018

■ 32.3804, 0.3084,
0.4018

■ 30.9227, 0.3066,
0.4345

■ 34.1110, 0.3101,
0.3718

■ 29.7203, 0.3048,
0.4690

■ 36.1231, 0.3117,
0.3450

■ 28.7596, 0.3031,
0.5034

■ 38.4300, 0.3132,
0.3215

■ 28.0242, 0.3016,
0.5356

■ 41.0429, 0.3145,
0.3011

■ 27.4959, 0.3006,
0.5629

■ 43.9723, 0.3156,
0.2835

■ 27.1534, 0.2999,
0.5832

■ 47.2285, 0.3167,
0.2684

■ 26.9670, 0.2997,
0.5954

■ 50.8210, 0.3176,
0.2554

■ 26.9197, 0.2995,
0.5983

■ 54.7590, 0.3184,
0.2442

■ 55.3914, 0.3168,
0.2412

Harmonies

Analogous

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



32.3804, 0.3540, 0.4131



32.3804, 0.3084, 0.4018



32.3804, 0.2659, 0.3654

Triad

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



32.3804, 0.3084, 0.4018



32.3804, 0.2385, 0.2587



32.3804, 0.3941, 0.3302

Complementary

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



32.3804, 0.3084, 0.4018



24.3548, 0.3169, 0.2656

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.



32.3804, 0.3586, 0.2952



32.3804, 0.3084, 0.4018



32.3804, 0.2681, 0.2552

Square

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



32.3804, 0.3084, 0.4018



32.3804, 0.2277, 0.2806



32.3804, 0.3116, 0.2685



32.3804, 0.4056, 0.3673

Rectangle

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



32.3804, 0.3084, 0.4018



32.3804, 0.2448, 0.3345



32.3804, 0.3116, 0.2685



32.3804, 0.3845, 0.3180

Sweetspot

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



32.3818, 0.3084, 0.4018



64.1256, 0.3115, 0.3488



36.2132, 0.3513, 0.3942



13.9005, 0.3113, 0.3525



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.3818, 0.3084, 0.4018



56.3876, 0.3073, 0.4209



32.9820, 0.2909, 0.3641



7.8975, 0.3113, 0.3517



20.3652, 0.2995, 0.5981



0.4287, 0.2969, 0.5889

Inverse Universe

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



24.3548, 0.3169, 0.2656



39.5635, 0.3178, 0.2516



23.6356, 0.3419, 0.2965



7.1994, 0.3141, 0.3073



8.0053, 0.3266, 0.1573



0.1690, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 32.3804, 0.3084, 0.4018 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 32.3804, 0.3084, 0.4018 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 32.3804, 0.3084, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 32.3804, 0.3084, 0.4018.



This preview shows how white text looks on a background with the Yxy color 32.3804, 0.3084, 0.4018.

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

32.3804, 0.3084, 0.4018

Protanopia

31.9593, 0.3591, 0.3837

Deuteranopia

32.1511, 0.3672, 0.3609



Tritanopia

32.4824, 0.2765, 0.3102

Trichromacy



Original Color

32.3804, 0.3084, 0.4018

Protanomaly

31.7418, 0.3388, 0.3896

Deuteranomaly

31.7600, 0.3434, 0.3740

Tritanomaly

32.3017, 0.2884, 0.3419

Monochromacy



Original Color

32.3804, 0.3084, 0.4018

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.3495, 0.3115, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3804, 0.3084, 0.4018 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(121, 165, 122)` looks like.

```
.text, #text, p{  
    color:rgb(121, 165, 122)  
}
```

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(121, 165, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 165, 122) }
```

Border

The CSS property to change the border of an element to Yxy 32.3804, 0.3084, 0.4018 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(121, 165, 122) }
```

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

```
.border{ border-color:rgb(121, 165, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 165, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 165, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 165, 122);  
box-shadow:4px 4px 4px 4px rgb(121, 165,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3804, 0.3084, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 165, 122) }
```

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

```
.background{ background-color: rgb(121,  
165, 122) }
```

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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