

Converting Colors

$Yxy(32.5983, 0.3132, 0.4138)$

Have a look what the booklet for
Yxy(32.5983, 0.3132, 0.4138)
contains.

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Color

Yxy(32.5983, 0.3132, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	79A674
RGB	121, 166, 116
RGB Percent	47%, 65%, 45%
CMY	0.5255, 0.3490, 0.5452
CMYK	0.27, 0.00, 0.30, 0.35
HSL	114°, 22%, 55%
HSV	114°, 30%, 65%
XYZ	24.6732, 32.5983, 21.5064
YIQ	146.8450, -10.7700, -25.0900

Conversions

Conversions Part 2

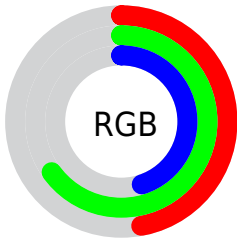
Format	Color
RYB	116, 166, 161
Decimal	7972468
CIELab	63.83, -25.16, 21.17
CIELCh	64, 32.879, 139.917
Yxy	32.5983, 0.3132, 0.4138
Android (android.graphics.Color)	4286162548 (0xFF79A674)
YUV	146.8450, -15.2066, -22.6661
Hunter-Lab	57.0949, -22.7784, 17.6332

Details

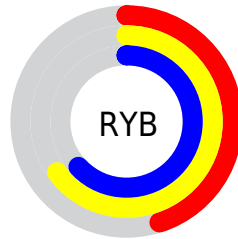
The Yxy color **32.5983, 0.3132, 0.4138** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.8121, 0.3103, 0.2545**, and the grayscale version is **29.1779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5387, 0.3138, 0.3957**, and **13.7795, 0.3119, 0.4464** is the 20% darker color. If you saturate the color by 10%, you get **31.2508, 0.3128, 0.4471**, and if you desaturate by 10%, it is **34.1846, 0.3133, 0.3827**.

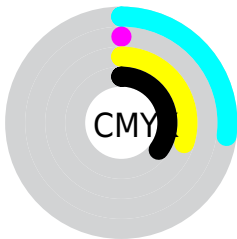
Distribution



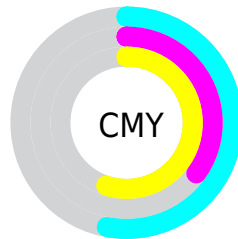
- Red (47%)
- Green (65%)
- Blue (45%)



- Red (45%)
- Yellow (65%)
- Blue (63%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (35%)





- Cyan (53%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5983, 0.3132, 0.4138 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 32.5983, 0.3132, 0.4138 by changing the saturation by 10% instead.


 32.5983, 0.3132,
0.4138


 32.5983, 0.3132,
0.4138


313.8358, 0.3140,
0.3670


 21.8189, 0.3125,
0.4272


 63.7479, 0.3138,
0.3956

 13.7239, 0.3111,
0.4454


 84.8868, 0.3140,
0.3891

 7.9289, 0.3085,
0.4717


 110.2477, 0.3140,
0.3838

 4.0495, 0.3028,
0.5125

140.2150, 0.3141,
0.3793

 1.7013, 0.3082,
0.6231

175.1731, 0.3141,
0.3755

 0.4245, 0.0000,
1.0000

215.5063, 0.3141,

 0.0000, 0.0000,

0.3723

0.0000

261.5990, 0.3141,
0.3694

■ 32.5983, 0.3132,
0.4138

■ 32.5983, 0.3132,
0.4138

■ 31.2508, 0.3128,
0.4471

■ 34.1846, 0.3133,
0.3827

■ 30.1265, 0.3120,
0.4815

■ 36.0160, 0.3131,
0.3544

■ 29.2146, 0.3107,
0.5150


■ 38.1040, 0.3127,
0.3293

■ 28.5017, 0.3089,
0.5453

■ 40.4577, 0.3122,
0.3073


■ 27.9726, 0.3068,
0.5701

■ 43.0863, 0.3117,
0.2880


 27.6103, 0.3045,
0.5874

 45.9980, 0.3111,
0.2714

 27.3902, 0.3026,
0.5979

 49.2011, 0.3104,
0.2569

 52.7034, 0.3098,
0.2445

 55.7538, 0.3168,
0.2422

Harmonies

Analogous

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



32.5983, 0.3634, 0.4222



32.5983, 0.3132, 0.4138



32.5983, 0.2652, 0.3753

Triad

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



32.5983, 0.3132, 0.4138



32.5983, 0.2284, 0.2528



32.5983, 0.4002, 0.3253

Complementary

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



32.5983, 0.3132, 0.4138



22.8121, 0.3103, 0.2545

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.



32.5983, 0.3581, 0.2877



32.5983, 0.3132, 0.4138



32.5983, 0.2586, 0.2472

Square

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



32.5983, 0.3132, 0.4138



32.5983, 0.2190, 0.2788



32.5983, 0.3053, 0.2599



32.5983, 0.4163, 0.3661

Rectangle

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



32.5983, 0.3132, 0.4138



32.5983, 0.2407, 0.3407



32.5983, 0.3053, 0.2599



32.5983, 0.3884, 0.3120

Sweetspot

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



32.5997, 0.3132, 0.4138



65.7095, 0.3131, 0.3519



34.5673, 0.3594, 0.3947



14.5921, 0.3131, 0.3556



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.5997, 0.3132, 0.4138



57.5163, 0.3130, 0.4354



32.7386, 0.2935, 0.3810



8.4425, 0.3131, 0.3522



21.2490, 0.3029, 0.5977



0.5278, 0.3152, 0.5879

Inverse Universe

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



22.8121, 0.3103, 0.2545



36.9216, 0.3095, 0.2383



22.6934, 0.3386, 0.2823



7.6277, 0.3122, 0.3066



7.1230, 0.2961, 0.1405



0.1839, 0.3049, 0.1453

Previews

White Background



This preview shows how the Yxy color 32.5983, 0.3132, 0.4138 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 32.5983, 0.3132, 0.4138 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 32.5983, 0.3132, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 32.5983, 0.3132, 0.4138.



This preview shows how white text looks on a background with the Yxy color 32.5983, 0.3132, 0.4138.

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

32.5983, 0.3132, 0.4138

Protanopia

32.3659, 0.3667, 0.3937

Deuteranopia

32.2392, 0.3757, 0.3693



Tritanopia

32.6001, 0.2766, 0.3087

Trichromacy



Original Color

32.5983, 0.3132, 0.4138

Protanomaly

32.1300, 0.3461, 0.4002

Deuteranomaly

32.1455, 0.3510, 0.3845

Tritanomaly

32.6197, 0.2893, 0.3451

Monochromacy



Original Color

32.5983, 0.3132, 0.4138

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.2920, 0.3133, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5983, 0.3132, 0.4138 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, 166, 116)` looks like.

```
.text, #text, p{  
    color:rgb(121, 166, 116)  
}
```

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, 166, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 166, 116) }
```

Border

The CSS property to change the border of an element to Yxy 32.5983, 0.3132, 0.4138 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, 166, 116) }
```

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

```
.border{ border-color:rgb(121, 166, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 166, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 166, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 166, 116);  
box-shadow:4px 4px 4px 4px rgb(121, 166,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5983, 0.3132, 0.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 166, 116) }
```

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

```
.background{ background-color: rgb(121,  
166, 116) }
```

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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