

Converting Colors

$Yxy(32.1956, 0.3117, 0.4143)$

Have a look what the booklet for
Yxy(32.1956, 0.3117, 0.4143)
contains.

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Color

Yxy(32.0700, 0.3123, 0.4145)

Conversions

Conversions Part 1

Format	Color
Hex	77A573
RGB	119, 165, 115
RGB Percent	47%, 65%, 45%
CMY	0.5331, 0.3530, 0.5490
CMYK	0.28, 0.00, 0.30, 0.35
HSL	115°, 22%, 55%
HSV	115°, 30%, 65%
XYZ	24.1628, 32.0700, 21.1376
YIQ	145.5460, -11.3660, -25.3020

Conversions

Conversions Part 2

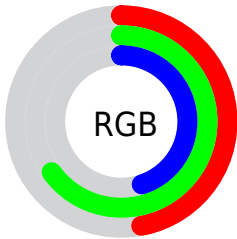
Format	Color
RYB	115, 165, 161
Decimal	7841139
CIELab	63.40, -25.50, 21.09
CIELCh	63, 33.095, 140.406
Yxy	32.0700, 0.3123, 0.4145
Android (android.graphics.Color)	4286031219 (0xFF77A573)
YUV	145.5460, -15.0592, -23.2808
Hunter-Lab	56.6304, -22.9417, 17.5110

Details

The Yxy color **32.0700, 0.3123, 0.4145** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.5508, 0.3114, 0.2544**, and the grayscale version is **28.6201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7471, 0.3130, 0.3962**, and **13.4688, 0.3107, 0.4479** is the 20% darker color. If you saturate the color by 10%, you get **30.7356, 0.3116, 0.4480**, and if you desaturate by 10%, it is **33.6463, 0.3127, 0.3832**.

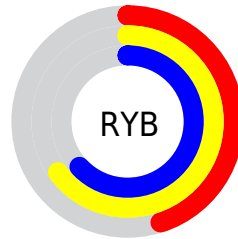
Distribution



Red (47%)

Green (65%)

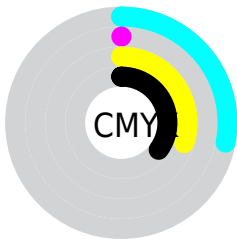
Blue (45%)



Red (45%)

Yellow (65%)

Blue (63%)

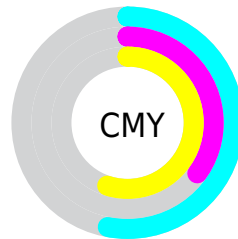


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (53%)


Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0700, 0.3123, 0.4145 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 32.0700, 0.3123, 0.4145 by changing the saturation by 10% instead.


 32.0700, 0.3123,
0.4145


 32.0700, 0.3123,
0.4145


 311.4380, 0.3136,
0.3671


 21.4150, 0.3114,
0.4281


 62.9208, 0.3131,
0.3961


 13.4277, 0.3099,
0.4466


 83.8854, 0.3133,
0.3895

 7.7237, 0.3069,
0.4735


 109.0553, 0.3135,
0.3841

 3.9187, 0.3007,
0.5154

 138.8148, 0.3135,
0.3796

 1.6282, 0.3081,
0.6369

 173.5485, 0.3136,
0.3758

 0.3765, 0.0000,
1.0000

 213.6407, 0.3136,

 0.0000, 0.0000,

0.3725

0.0000

259.4757, 0.3136,
0.3696

■ 32.0700, 0.3123,
0.4145

■ 32.0700, 0.3123,
0.4145

■ 30.7356, 0.3116,
0.4480

■ 33.6463, 0.3127,
0.3832

■ 29.6273, 0.3106,
0.4826

■ 35.4714, 0.3128,
0.3549

■ 28.7338, 0.3092,
0.5162


■ 37.5569, 0.3127,
0.3297


■ 28.0411, 0.3075,
0.5466


■ 39.9124, 0.3125,
0.3076


■ 27.5335, 0.3055,
0.5712


■ 42.5471, 0.3122,
0.2884


 27.1931, 0.3035,
0.5883

 45.4698, 0.3119,
0.2718

 26.9961, 0.3020,
0.5984

 48.6889, 0.3115,
0.2574

 52.2123, 0.3111,
0.2450

 55.3878, 0.3168,
0.2412

Harmonies

Analogous

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



32.0700, 0.3632, 0.4235



32.0700, 0.3123, 0.4145



32.0700, 0.2639, 0.3751

Triad

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



32.0700, 0.3123, 0.4145



32.0700, 0.2278, 0.2517



32.0700, 0.4018, 0.3258

Complementary

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



32.0700, 0.3123, 0.4145



22.5508, 0.3114, 0.2544

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.



32.0700, 0.3595, 0.2878



32.0700, 0.3123, 0.4145



32.0700, 0.2586, 0.2464

Square

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



32.0700, 0.3123, 0.4145



32.0700, 0.2180, 0.2775



32.0700, 0.3061, 0.2596



32.0700, 0.4175, 0.3671

Rectangle

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



32.0700, 0.3123, 0.4145



32.0700, 0.2394, 0.3399



32.0700, 0.3061, 0.2596



32.0700, 0.3900, 0.3124

Sweetspot

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



32.0714, 0.3123, 0.4145



63.9316, 0.3128, 0.3519



34.6661, 0.3590, 0.3973



13.8699, 0.3128, 0.3556



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.



32.0714, 0.3123, 0.4145



55.8721, 0.3119, 0.4356



32.3259, 0.2921, 0.3784



7.9212, 0.3128, 0.3521



20.4344, 0.3023, 0.5982



0.4371, 0.3130, 0.5897

Inverse Universe

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



22.5508, 0.3114, 0.2544



36.1856, 0.3109, 0.2388



22.2801, 0.3408, 0.2845



7.1729, 0.3125, 0.3068



7.0896, 0.3010, 0.1432



0.1569, 0.3087, 0.1474

Previews

White Background



This preview shows how the Yxy color 32.0700, 0.3123, 0.4145 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 32.0700, 0.3123, 0.4145 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 32.0700, 0.3123, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 32.0700, 0.3123, 0.4145.



This preview shows how white text looks on a background with the Yxy color 32.0700, 0.3123, 0.4145.

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

32.0700, 0.3123, 0.4145

Protanopia

31.9076, 0.3671, 0.3940

Deuteranopia

31.7831, 0.3761, 0.3695



Tritanopia

32.0611, 0.2756, 0.3086

Trichromacy



Original Color

32.0700, 0.3123, 0.4145

Protanomaly

31.5797, 0.3453, 0.4009

Deuteranomaly

31.5873, 0.3502, 0.3850

Tritanomaly

32.0841, 0.2883, 0.3452

Monochromacy



Original Color

32.0700, 0.3123, 0.4145

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.7660, 0.3123, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0700, 0.3123, 0.4145 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(119, 165, 115)` looks like.

```
.text, #text, p{  
    color:rgb(119, 165, 115)  
}
```

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(119, 165, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 165, 115) }
```

Border

The CSS property to change the border of an element to Yxy 32.0700, 0.3123, 0.4145 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(119, 165, 115) }
```

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

```
.border{ border-color:rgb(119, 165, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 165, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 165, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 165, 115);  
box-shadow:4px 4px 4px 4px rgb(119, 165,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0700, 0.3123, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 165, 115) }
```

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

```
.background{ background-color: rgb(119,  
165, 115) }
```

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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