

Converting Colors

$Yxy(32.0953, 0.3442, 0.3566)$

Have a look what the booklet for
Yxy(32.0953, 0.3442, 0.3566)
contains.

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Color

Yxy(32.1493, 0.3446, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	A59885
RGB	165, 152, 133
RGB Percent	65%, 60%, 52%
CMY	0.3529, 0.4039, 0.4783
CMYK	0.00, 0.08, 0.19, 0.35
HSL	36°, 15%, 58%
HSV	36°, 19%, 65%
XYZ	30.9806, 32.1493, 26.7731
YIQ	153.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

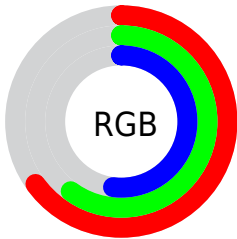
Format	Color
RYB	155, 165, 133
Decimal	10852485
CIELab	63.47, 1.58, 11.71
CIELCh	63, 11.818, 82.339
Yxy	32.1493, 0.3446, 0.3576
Android (android.graphics.Color)	4289042565 (0xFFA59885)
YUV	153.7210, -10.2155, 9.8917
Hunter-Lab	56.7004, -1.6948, 11.6943

Details

The Yxy color **32.1493, 0.3446, 0.3576** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.2721, 0.2826, 0.2986**, and the grayscale version is **32.2288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9034, 0.3382, 0.3519**, and **13.4426, 0.3563, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **29.6132, 0.3638, 0.3731**, and if you desaturate by 10%, it is **34.8831, 0.3273, 0.3425**.

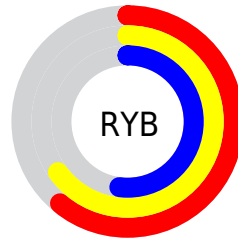
Distribution



Red (65%)

Green (60%)

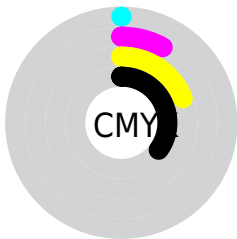
Blue (52%)



Red (61%)

Yellow (65%)

Blue (52%)

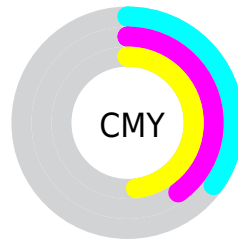


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (35%)



Cyan (35%)


Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1493, 0.3446, 0.3576 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 32.1493, 0.3446, 0.3576 by changing the saturation by 10% instead.


 32.1493, 0.3446,
0.3576


 32.1493, 0.3446,
0.3576


311.7988, 0.3276,
0.3425

 21.4756, 0.3492,
0.3616


 63.0451, 0.3382,
0.3519

 13.4721, 0.3553,
0.3670


 84.0359, 0.3359,
0.3498

 7.7544, 0.3638,
0.3744


 109.2345, 0.3339,
0.3481

 3.9382, 0.3766,
0.3854

139.0254, 0.3323,
0.3466

 1.6391, 0.3982,
0.4037

173.7928, 0.3309,
0.3454

 0.3837, 0.5124,
0.4876

213.9213, 0.3297,

 0.0000, 0.0000,

0.3443

0.0000

259.7952, 0.3286,
0.3433

■ 32.1493, 0.3446,
0.3576

■ 32.1493, 0.3446,
0.3576

■ 29.6132, 0.3638,
0.3731

■ 34.8831, 0.3273,
0.3425

■ 27.2652, 0.3847,
0.3886

■ 37.8154, 0.3118,
0.3281

■ 25.1010, 0.4071,
0.4033

■ 40.9525, 0.2981,
0.3147

■ 23.1146, 0.4302,
0.4163

■ 44.2990, 0.2859,
0.3022

■ 21.2994, 0.4534,
0.4266

■ 47.8595, 0.2752,
0.2906

■ 19.6483, 0.4753,
0.4329

■ 51.6382, 0.2657,
0.2801

■ 18.1531, 0.4947,
0.4343

■ 55.6393, 0.2573,
0.2704

■ 16.7994, 0.5116,
0.4314

■ 59.2039, 0.2550,
0.2717

■ 16.7187, 0.5126,
0.4312

■ 62.4965, 0.2561,
0.2798

Harmonies

Analogous

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



32.1493, 0.3498, 0.3457



32.1493, 0.3446, 0.3576



32.1493, 0.3308, 0.3621

Triad

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



32.1493, 0.3446, 0.3576



32.1493, 0.2816, 0.3266



32.1493, 0.3122, 0.3030

Complementary

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



32.1493, 0.3446, 0.3576



28.2721, 0.2826, 0.2986

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.



32.1493, 0.2942, 0.2977



32.1493, 0.3446, 0.3576



32.1493, 0.2770, 0.3106

Square

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



32.1493, 0.3446, 0.3576



32.1493, 0.2945, 0.3439



32.1493, 0.2815, 0.3003



32.1493, 0.3308, 0.3146

Rectangle

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



32.1493, 0.3446, 0.3576



32.1493, 0.3187, 0.3598



32.1493, 0.2815, 0.3003



32.1493, 0.3059, 0.3004

Sweetspot

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



32.1507, 0.3446, 0.3576



64.1482, 0.3220, 0.3377



26.8688, 0.3348, 0.3089



13.9555, 0.3230, 0.3386



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.



32.1507, 0.3446, 0.3576



55.6994, 0.3521, 0.3639



36.3215, 0.3385, 0.3765



7.7518, 0.3271, 0.3423



12.7476, 0.5114, 0.4321



0.3573, 0.4704, 0.4647

Inverse Universe

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



28.2721, 0.2826, 0.2986



47.5407, 0.2759, 0.2915



24.7084, 0.2840, 0.2775



7.3108, 0.2987, 0.3153



5.1931, 0.1699, 0.1315



0.2007, 0.1901, 0.2044

Previews

White Background



This preview shows how the Yxy color 32.1493, 0.3446, 0.3576 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 32.1493, 0.3446, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

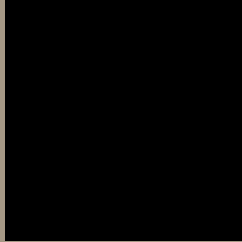
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1493, 0.3446, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 32.1493, 0.3446, 0.3576.



This preview shows how white text looks on a background with the Yxy color 32.1493, 0.3446, 0.3576.

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

32.1493, 0.3446, 0.3576

Protanopia

32.0808, 0.3391, 0.3580

Deuteranopia

32.1311, 0.3567, 0.3494



Tritanopia

32.0427, 0.3217, 0.3116

Trichromacy



Original Color

32.1493, 0.3446, 0.3576

Protanomaly

32.1851, 0.3402, 0.3579

Deuteranomaly

31.9868, 0.3520, 0.3512

Tritanomaly

31.9124, 0.3304, 0.3276

Monochromacy



Original Color

32.1493, 0.3446, 0.3576

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.1269, 0.3244, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1493, 0.3446, 0.3576 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(165, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(165, 152, 133)  
}
```

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(165, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 152, 133) }
```

Border

The CSS property to change the border of an element to Yxy 32.1493, 0.3446, 0.3576 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(165, 152, 133) }
```

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

```
.border{ border-color:rgb(165, 152, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(165, 152,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1493, 0.3446, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 152, 133) }
```

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

```
.background{ background-color: rgb(165,  
152, 133) }
```

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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