

Converting Colors

$Yxy(32.7402, 0.3106, 0.3803)$

Have a look what the booklet for
Yxy(32.7402, 0.3106, 0.3803)
contains.

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Color

Yxy(32.7659, 0.3103, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	84A384
RGB	132, 163, 132
RGB Percent	52%, 64%, 52%
CMY	0.4824, 0.3608, 0.4823
CMYK	0.19, 0.00, 0.19, 0.36
HSL	120°, 14%, 58%
HSV	120°, 19%, 64%
XYZ	26.7771, 32.7659, 26.7512
YIQ	150.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

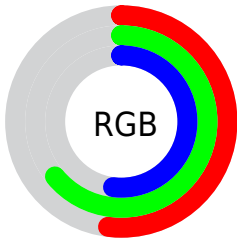
Format	Color
RYB	132, 163, 163
Decimal	8692612
CIELab	63.97, -16.93, 12.62
CIELCh	64, 21.111, 143.296
Yxy	32.7659, 0.3103, 0.3797
Android (android.graphics.Color)	4286882692 (0xFF84A384)
YUV	150.1970, -8.9711, -15.9588
Hunter-Lab	57.2415, -16.6719, 12.3605

Details

The Yxy color **32.7659, 0.3103, 0.3797** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.9284, 0.3149, 0.2830**, and the grayscale version is **30.6289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9599, 0.3108, 0.3693**, and **13.7719, 0.3094, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **31.1428, 0.3088, 0.4111**, and if you desaturate by 10%, it is **34.6667, 0.3116, 0.3515**.

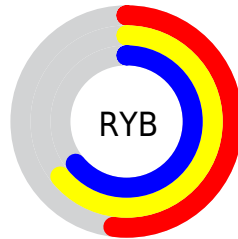
Distribution



Red (52%)

Green (64%)

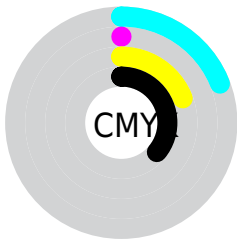
Blue (52%)



Red (52%)

Yellow (64%)

Blue (64%)

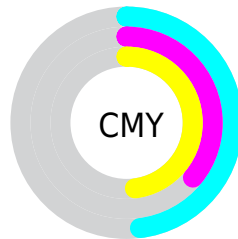


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (36%)



Cyan (48%)


Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.7659, 0.3103, 0.3797 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 32.7659, 0.3103, 0.3797 by changing the saturation by 10% instead.


 32.7659, 0.3103,
0.3797


 32.7659, 0.3103,
0.3797


314.5935, 0.3120,
0.3521


 21.9472, 0.3097,
0.3875


 64.0099, 0.3110,
0.3691

 13.8181, 0.3087,
0.3980

 85.2039, 0.3113,
0.3652

 7.9943, 0.3072,
0.4131


 110.6251, 0.3115,
0.3621

 4.0913, 0.3043,
0.4366

140.6580, 0.3116,
0.3595

 1.7247, 0.2986,
0.4788

175.6869, 0.3117,
0.3572

 0.4396, 0.0105,
0.9895

216.0962, 0.3118,

 0.0000, 0.0000,

0.3553

0.0000

262.2703, 0.3119,
0.3536

■ 32.7659, 0.3103,
0.3797

■ 32.7659, 0.3103,
0.3797

■ 31.1428, 0.3088,
0.4111

■ 34.6667, 0.3116,
0.3515

■ 29.7805, 0.3072,
0.4450

■ 36.8528, 0.3128,
0.3267

■ 28.6666, 0.3055,
0.4802

■ 39.3369, 0.3139,
0.3052

■ 27.7862, 0.3039,
0.5147

■ 42.1296, 0.3147,
0.2866

■ 27.1226, 0.3025,
0.5459

■ 45.2410, 0.3155,
0.2706

■ 26.6571, 0.3013,
0.5713

■ 48.6806, 0.3162,
0.2569

■ 26.3678, 0.3005,
0.5888

■ 52.4578, 0.3167,
0.2452

■ 26.2106, 0.3000,
0.5990

■ 54.6764, 0.3169,
0.2394

■ 26.1969, 0.3000,
0.5999

Harmonies

Analogous

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



32.7659, 0.3431, 0.3885



32.7659, 0.3103, 0.3797



32.7659, 0.2793, 0.3548

Triad

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



32.7659, 0.3103, 0.3797



32.7659, 0.2587, 0.2782



32.7659, 0.3705, 0.3308

Complementary

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



32.7659, 0.3103, 0.3797



26.9284, 0.3149, 0.2830

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.



32.7659, 0.3456, 0.3046



32.7659, 0.3103, 0.3797



32.7659, 0.2808, 0.2749

Square

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



32.7659, 0.3103, 0.3797



32.7659, 0.2506, 0.2949



32.7659, 0.3124, 0.2846



32.7659, 0.3790, 0.3579

Rectangle

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



32.7659, 0.3103, 0.3797



32.7659, 0.2636, 0.3335



32.7659, 0.3124, 0.2846



32.7659, 0.3638, 0.3217

Sweetspot

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



32.7673, 0.3103, 0.3797



63.1696, 0.3120, 0.3440



35.6491, 0.3407, 0.3752



14.1356, 0.3119, 0.3455



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.



32.7673, 0.3103, 0.3797



57.3411, 0.3097, 0.3931



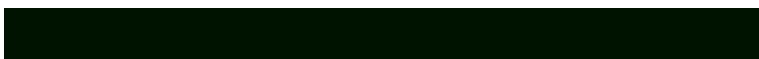
33.2228, 0.2973, 0.3539



7.8952, 0.3116, 0.3522



20.3583, 0.3000, 0.5999



0.4278, 0.2998, 0.5994

Inverse Universe

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



26.9284, 0.3149, 0.2830



44.8616, 0.3154, 0.2723



26.4075, 0.3315, 0.3054



7.2020, 0.3138, 0.3069



8.1009, 0.3212, 0.1543



0.1703, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 32.7659, 0.3103, 0.3797 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 32.7659, 0.3103, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

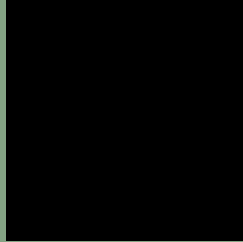
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7659, 0.3103, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 32.7659, 0.3103, 0.3797.



This preview shows how white text looks on a background with the Yxy color 32.7659, 0.3103, 0.3797.

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

32.7659, 0.3103, 0.3797

Protanopia

32.4562, 0.3469, 0.3684

Deuteranopia

32.5913, 0.3564, 0.3493



Tritanopia

32.7593, 0.2840, 0.3105

Trichromacy



Original Color

32.7659, 0.3103, 0.3797

Protanomaly

32.3743, 0.3336, 0.3728

Deuteranomaly

32.4095, 0.3389, 0.3594

Tritanomaly

32.7762, 0.2938, 0.3353

Monochromacy



Original Color

32.7659, 0.3103, 0.3797

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.2655, 0.3118, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7659, 0.3103, 0.3797 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(132, 163, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 163, 132)  
}
```

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(132, 163, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 163, 132) }
```

Border

The CSS property to change the border of an element to Yxy 32.7659, 0.3103, 0.3797 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(132, 163, 132) }
```

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

```
.border{ border-color:rgb(132, 163, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 163, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 163, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 163, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 163,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7659, 0.3103, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 163, 132) }
```

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

```
.background{ background-color: rgb(132,  
163, 132) }
```

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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