Converting Colors

Yxy(32.2118, 0.3567, 0.4018)

Have a look what the booklet for Yxy(32.2118, 0.3567, 0.4018) contains.

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Color

Yxy(32.4078, 0.3567, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	9D9D6E
RGB	157, 157, 110
RGB Percent	62%, 62%, 43%
CMY	0.3843, 0.3843, 0.5686
CMYK	0.00, 0.00, 0.30, 0.38
HSL	60°, 19%, 52%
HSV	60°, 30%, 62%
XYZ	28.7774, 32.4078, 19.4915
YIQ	151.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

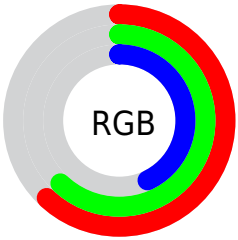
Format	Color
RYB	110, 157, 110
Decimal	10329454
CIELab	63.68, -7.70, 24.66
CIELCh	64, 25.833, 107.338
Yxy	32.4078, 0.3567, 0.4017
Android (android.graphics.Color)	4288519534 (0xFF9D9D6E)
YUV	151.6420, -20.5295, 4.6990
Hunter-Lab	56.9278, -9.3910, 19.5492

Details

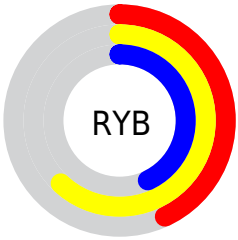
The Yxy color 32.4078, 0.3567, 0.4017 is a dark color, and the websafe version is hex 999966. A complement of this color would be 16.9043, 0.2614, 0.2442, and the grayscale version is 31.3235, 0.3127, 0.3290.

A 20% lighter version of the original color is 63.1942, 0.3483, 0.3864, and 13.6591, 0.3694, 0.4258 is the 20% darker color. If you saturate the color by 10%, you get 32.0962, 0.3709, 0.4253, and if you desaturate by 10%, it is 32.7829, 0.3419, 0.3773.

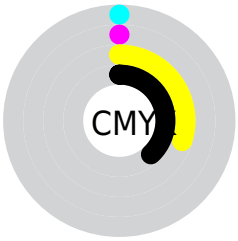
Distribution



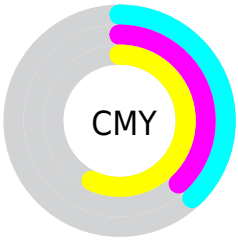
- Red (62%)
- Green (62%)
- Blue (43%)



- Red (43%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)



- Cyan (38%)
- Magenta (38%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4078, 0.3567, 0.4017 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 32.4078, 0.3567, 0.4017 by changing the saturation by 10% instead.

32.4078, 0.3567, 0.4017

312.9727, 0.3340, 0.3627

63.4498, 0.3483, 0.3869

84.5261, 0.3452, 0.3816

109.8182, 0.3426, 0.3771

139.7108, 0.3404, 0.3733

174.5881, 0.3385, 0.3701

214.8347, 0.3368,

32.4078, 0.3567, 0.4017

21.6732, 0.3625, 0.4122

13.6169, 0.3698, 0.4262

7.8547, 0.3794, 0.4455

4.0021, 0.3918, 0.4733

1.6748, 0.4410, 0.5590

0.4072, 0.3284, 0.6716

0.0000, 0.0000,

0.3673

0.0000

260.8347, 0.3353, 0.3649

32.4078, 0.3567, 0.4017

32.4078, 0.3567, 0.4017

32.0962, 0.3709, 0.4253

32.7829, 0.3419, 0.3773

31.8406, 0.3841, 0.4470

33.2201, 0.3271, 0.3528

31.6389, 0.3957, 0.4661

33.7236, 0.3126, 0.3289

31.4873, 0.4051, 0.4818

34.2960, 0.2988, 0.3060

31.3812, 0.4122, 0.4934

34.9399, 0.2858, 0.2845

31.3157, 0.4167, 0.5009

31.2784, 0.4193, 0.5052

31.2782, 0.4193, 0.5052

35.6575, 0.2738, 0.2646

36.4511, 0.2627, 0.2464

37.3228, 0.2527, 0.2297

38.2748, 0.2435, 0.2146

Harmonies

Analogous

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

32.4078, 0.3853, 0.3859

32.4078, 0.3567, 0.4017

32.4078, 0.3174, 0.3961

Triad

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

32.4078, 0.3567, 0.4017

32.4078, 0.2377, 0.2925

32.4078, 0.3453, 0.2937

Complementary

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

32.4078, 0.3567, 0.4017

16.9043, 0.2614, 0.2442

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.

32.4078, 0.3038, 0.2719

32.4078, 0.3567, 0.4017

32.4078, 0.2438, 0.2696

Square

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

32.4078, 0.3567, 0.4017

32.4078, 0.2498, 0.3287

32.4078, 0.2671, 0.2630

32.4078, 0.3792, 0.3240

Rectangle

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

32.4078, 0.3567, 0.4017

32.4078, 0.2907, 0.3795

32.4078, 0.2671, 0.2630

32.4078, 0.3316, 0.2853

Sweetspot

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

32.4093, 0.3567, 0.4017

59.5518, 0.3260, 0.3509

19.4649, 0.3763, 0.3279

13.0788, 0.3280, 0.3542

78.7412, 0.3127, 0.3290

13.2868, 0.3127, 0.3290

Same Dimension

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

32.4093, 0.3567, 0.4017

57.6450, 0.3664, 0.4178

30.3348, 0.3327, 0.4078

7.7202, 0.3261, 0.3511

25.4008, 0.4193, 0.5052

0.4542, 0.4193, 0.5052

Inverse Universe

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

16.9043, 0.2614, 0.2442

25.2673, 0.2477, 0.2216

18.5516, 0.2869, 0.2500

6.4354, 0.2987, 0.3059

1.9775, 0.1500, 0.0600

0.0354, 0.1500, 0.0601

Previews

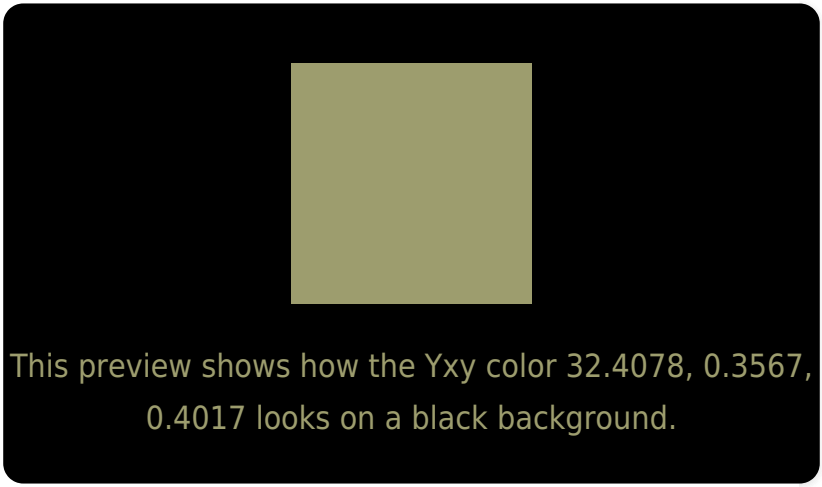
White Background

This preview shows how the Yxy color 32.4078, 0.3567, 0.4017 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



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 32.4078, 0.3567, 0.4017

Background

This preview shows how black text looks on a background with the Yxy color 32.4078, 0.3567, 0.4017.

This preview shows how white text looks on a background with the Yxy color 32.4078, 0.3567, 0.4017.

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
32.4078, 0.3567, 0.4017

Protanopia
32.3223, 0.3687, 0.3967

Deuteranopia
32.4169, 0.3874, 0.3800

Tritanopia
32.2079, 0.3145, 0.3114

Trichromacy

Original Color
32.4078, 0.3567, 0.4017

Protanomaly
32.3333, 0.3649, 0.3988

Deuteranomaly
32.2796, 0.3769, 0.3876

Tritanomaly
32.3427, 0.3303, 0.3441

Monochromacy

Original Color
32.4078, 0.3567, 0.4017

Achromatopsia
31.3989, 0.3127, 0.3290

Achromatomaly
31.7874, 0.3287, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4078, 0.3567, 0.4017 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(157, 157, 110) looks like.

```
.text, #text, p{
    color:rgb(157, 157, 110)
}
```

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(157, 157, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 110) }
```

Border

The CSS property to change the border of an element to Yxy 32.4078, 0.3567, 0.4017 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(157, 157, 110) }
```

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

```
.border{ border-color:rgb(157, 157, 110) }
```

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

Here you see how a box with a 4 pixel rgb(157, 157, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 157, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 157, 110); box-shadow:4px 4px 4px 4px rgb(157, 157, 110) }
```

Background

The CSS property to change the background color of an element to Yxy 32.4078, 0.3567, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(157, 157, 110) }
```

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

```
.background{ background-color:rgb(157, 157, 110) }
```

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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