

Converting Colors

$Yxy(34.7924, 0.3229, 0.3578)$

Have a look what the booklet for
Yxy(34.7924, 0.3229, 0.3578)
contains.

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Color

Yxy(34.7924, 0.3229, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	9BA28F
RGB	155, 162, 143
RGB Percent	61%, 64%, 56%
CMY	0.3921, 0.3647, 0.4392
CMYK	0.04, 0.00, 0.12, 0.36
HSL	82°, 9%, 60%
HSV	82°, 12%, 64%
XYZ	31.3987, 34.7924, 31.0487
YIQ	157.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

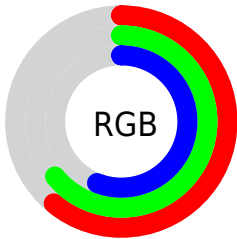
Format	Color
RYB	143, 162, 150
Decimal	10199695
CIELab	65.59, -6.02, 9.03
CIELCh	66, 10.851, 123.719
Yxy	34.7924, 0.3229, 0.3578
Android (android.graphics.Color)	4288389775 (0xFF9BA28F)
YUV	157.7410, -7.2673, -2.4039
Hunter-Lab	58.9851, -8.2054, 10.0804

Details

The Yxy color **34.7924, 0.3229, 0.3578** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7374, 0.3017, 0.2998**, and the grayscale version is **34.1035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2122, 0.3204, 0.3520**, and **14.8852, 0.3260, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **33.7632, 0.3316, 0.3841**, and if you desaturate by 10%, it is **35.9245, 0.3142, 0.3331**.

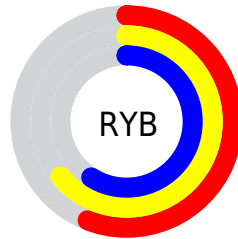
Distribution



Red (61%)

Green (64%)

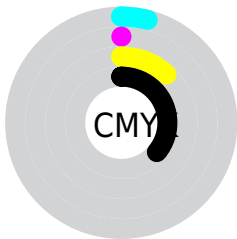
Blue (56%)



Red (56%)

Yellow (64%)

Blue (59%)

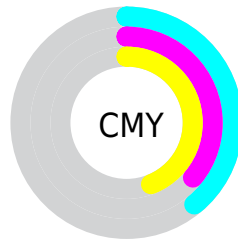


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7924, 0.3229, 0.3578 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 34.7924, 0.3229, 0.3578 by changing the saturation by 10% instead.


 34.7924, 0.3229,
0.3578


 34.7924, 0.3229,
0.3578


323.6510, 0.3177,
0.3425

 23.5030, 0.3243,
0.3619


 67.1640, 0.3210,
0.3520

 14.9654, 0.3260,
0.3675


 89.0151, 0.3202,
0.3499

 8.7951, 0.3284,
0.3752


115.1554, 0.3196,
0.3482

 4.6078, 0.3318,
0.3868

145.9695, 0.3191,
0.3467

 2.0190, 0.3370,
0.4062

181.8417, 0.3187,
0.3454

 0.6185, 0.4001,
0.5614

223.1565, 0.3183,

 0.0000, 0.0000,

0.3443

0.0000

270.2981, 0.3180,
0.3434

■ 34.7924, 0.3229,
0.3578

■ 34.7924, 0.3229,
0.3578

■ 33.7632, 0.3316,
0.3841

■ 35.9245, 0.3142,
0.3331

■ 32.8290, 0.3399,
0.4115

■ 37.1584, 0.3057,
0.3102

■ 31.9877, 0.3475,
0.4393

■ 38.4985, 0.2975,
0.2893

■ 31.2353, 0.3539,
0.4665

■ 39.9478, 0.2898,
0.2703

■ 30.5674, 0.3586,
0.4919

■ 41.5091, 0.2826,
0.2532

■ 29.9795, 0.3613,
0.5144

■ 43.1852, 0.2759,
0.2378

■ 29.4661, 0.3617,
0.5328

■ 44.8879, 0.2706,
0.2253

■ 29.0210, 0.3597,
0.5464

■ 45.7057, 0.2751,
0.2266

■ 28.6928, 0.3569,
0.5549

■ 46.5555, 0.2797,
0.2279

Harmonies

Analogous

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



34.7924, 0.3373, 0.3570



34.7924, 0.3229, 0.3578



34.7924, 0.3061, 0.3503

Triad

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



34.7924, 0.3229, 0.3578



34.7924, 0.2813, 0.3084



34.7924, 0.3343, 0.3212

Complementary

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



34.7924, 0.3229, 0.3578



28.7374, 0.3017, 0.2998

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.



34.7924, 0.3188, 0.3090



34.7924, 0.3229, 0.3578



34.7924, 0.2883, 0.3015

Square

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



34.7924, 0.3229, 0.3578



34.7924, 0.2823, 0.3211



34.7924, 0.3020, 0.3019



34.7924, 0.3441, 0.3355

Rectangle

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



34.7924, 0.3229, 0.3578



34.7924, 0.2957, 0.3416



34.7924, 0.3020, 0.3019



34.7924, 0.3296, 0.3167

Sweetspot

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



34.7939, 0.3229, 0.3578



64.7210, 0.3162, 0.3387



31.4673, 0.3319, 0.3396



14.5018, 0.3169, 0.3405



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.



34.7939, 0.3229, 0.3578



62.6750, 0.3251, 0.3644



33.8921, 0.3137, 0.3586



8.1066, 0.3208, 0.3516



22.6304, 0.3574, 0.5544



0.5009, 0.3807, 0.5359

Inverse Universe

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



28.7374, 0.3017, 0.2998



49.5246, 0.2990, 0.2930



29.6736, 0.3114, 0.3006



6.9807, 0.3042, 0.3062



2.8230, 0.1812, 0.0772



0.0855, 0.2241, 0.1008

Previews

White Background



This preview shows how the Yxy color 34.7924, 0.3229, 0.3578 looks on a white background.

Color Contrast Check

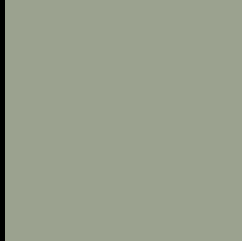
Large Text (above 18pt) WCAG AA × Fail

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 34.7924, 0.3229, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

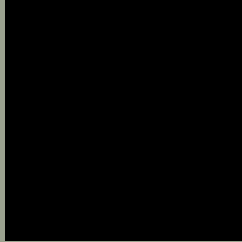
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

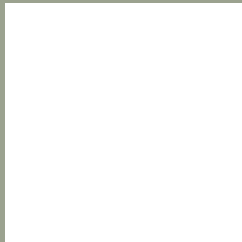
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7924, 0.3229, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 34.7924, 0.3229, 0.3578.



This preview shows how white text looks on a background with the Yxy color 34.7924, 0.3229, 0.3578.

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

34.7924, 0.3229, 0.3578

Protanopia

34.8264, 0.3362, 0.3556

Deuteranopia

34.5301, 0.3482, 0.3404



Tritanopia

34.7649, 0.3022, 0.3101

Trichromacy



Original Color

34.7924, 0.3229, 0.3578

Protanomaly

34.7760, 0.3311, 0.3558

Deuteranomaly

34.4485, 0.3391, 0.3465

Tritanomaly

34.6386, 0.3100, 0.3260

Monochromacy



Original Color

34.7924, 0.3229, 0.3578

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2643, 0.3162, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7924, 0.3229, 0.3578 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(155, 162, 143)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 143)  
}
```

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(155, 162, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 143) }
```

Border

The CSS property to change the border of an element to Yxy 34.7924, 0.3229, 0.3578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

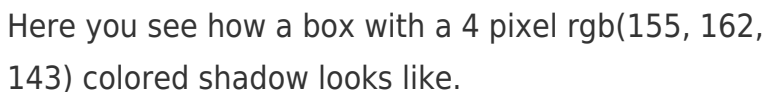
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 162, 143) }
```

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

```
.border{ border-color:rgb(155, 162, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 162, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 162, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 162, 143); box-shadow:4px 4px 4px 4px rgb(155, 162, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7924, 0.3229, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 143) }
```

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

```
.background{ background-color: rgb(155,  
162, 143) }
```

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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