

Converting Colors

$Yxy(34.0472, 0.3272, 0.3526)$

Have a look what the booklet for
Yxy(34.0472, 0.3272, 0.3526)
contains.

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Color

Yxy(34.1504, 0.3273, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	9F9F8F
RGB	159, 159, 143
RGB Percent	62%, 62%, 56%
CMY	0.3764, 0.3765, 0.4392
CMYK	0.00, 0.00, 0.10, 0.38
HSL	60°, 8%, 59%
HSV	60°, 10%, 62%
XYZ	31.6551, 34.1504, 30.9104
YIQ	157.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

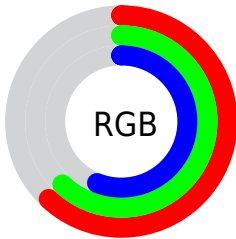
Format	Color
RYB	143, 159, 143
Decimal	10461071
CIELab	65.08, -2.91, 8.35
CIELCh	65, 8.843, 109.206
Yxy	34.1504, 0.3273, 0.3531
Android (android.graphics.Color)	4288651151 (0xFF9F9F8F)
YUV	157.1760, -6.9888, 1.5996
Hunter-Lab	58.4383, -5.5765, 9.5459

Details

The Yxy color **34.1504, 0.3273, 0.3531** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9904, 0.2974, 0.3037**, and the grayscale version is **33.8317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4205, 0.3244, 0.3484**, and **14.7036, 0.3322, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **33.7020, 0.3421, 0.3776**, and if you desaturate by 10%, it is **34.6701, 0.3128, 0.3292**.

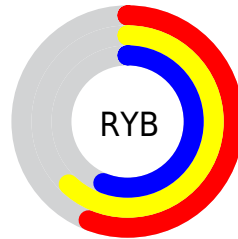
Distribution



Red (62%)

Green (62%)

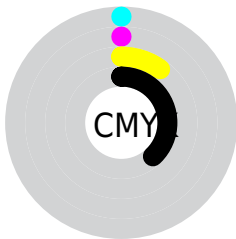
Blue (56%)



Red (56%)

Yellow (62%)

Blue (56%)

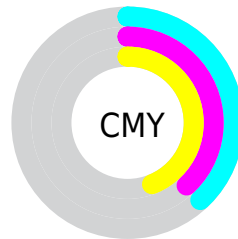


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1504, 0.3273, 0.3531 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 34.1504, 0.3273, 0.3531 by changing the saturation by 10% instead.


 34.1504, 0.3273,
0.3531


 34.1504, 0.3273,
0.3531


320.8022, 0.3197,
0.3403

 23.0092, 0.3293,
0.3565


 66.1675, 0.3244,
0.3483

 14.6003, 0.3320,
0.3611


 87.8121, 0.3234,
0.3465

 8.5393, 0.3357,
0.3675


113.7267, 0.3225,
0.3451

 4.4420, 0.3411,
0.3771

144.2956, 0.3218,
0.3438

 1.9237, 0.3497,
0.3929

179.9032, 0.3211,
0.3428

 0.5626, 0.4395,
0.5333

220.9339, 0.3206,

 0.0000, 0.0000,

0.3419

0.0000

267.7721, 0.3201,
0.3411

■ 34.1504, 0.3273,
0.3531

■ 34.1504, 0.3273,
0.3531

■ 33.7020, 0.3421,
0.3776

■ 34.6701, 0.3128,
0.3292

■ 33.3176, 0.3569,
0.4021

■ 35.2593, 0.2990,
0.3063

■ 32.9956, 0.3712,
0.4256

■ 35.9220, 0.2860,
0.2848

■ 32.7327, 0.3844,
0.4474

■ 36.6607, 0.2739,
0.2648

■ 32.5252, 0.3959,
0.4664

■ 37.4777, 0.2628,
0.2465

■ 32.3692, 0.4053,
0.4820

■ 38.3751, 0.2527,
0.2299

■ 32.2602, 0.4123,
0.4936

■ 39.3552, 0.2436,
0.2147

■ 32.1928, 0.4168,
0.5010

■ 39.4013, 0.2432,
0.2141

■ 32.1544, 0.4194,
0.5052

■ 39.4029, 0.2432,
0.2141

Harmonies

Analogous

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



34.1504, 0.3368, 0.3494



34.1504, 0.3273, 0.3531



34.1504, 0.3140, 0.3501

Triad

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



34.1504, 0.3273, 0.3531



34.1504, 0.2864, 0.3168



34.1504, 0.3247, 0.3173

Complementary

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



34.1504, 0.3273, 0.3531



27.9904, 0.2974, 0.3037

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.



34.1504, 0.3110, 0.3091



34.1504, 0.3273, 0.3531



34.1504, 0.2891, 0.3085

Square

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



34.1504, 0.3273, 0.3531



34.1504, 0.2906, 0.3287



34.1504, 0.2980, 0.3058



34.1504, 0.3353, 0.3287

Rectangle

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



34.1504, 0.3273, 0.3531



34.1504, 0.3049, 0.3446



34.1504, 0.2980, 0.3058



34.1504, 0.3203, 0.3141

Sweetspot

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



34.1519, 0.3273, 0.3531



61.7944, 0.3171, 0.3362



29.0087, 0.3297, 0.3286



13.9148, 0.3182, 0.3381



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



34.1519, 0.3273, 0.3531



60.9727, 0.3305, 0.3584



33.3872, 0.3196, 0.3537



7.7201, 0.3261, 0.3511



25.3943, 0.4194, 0.5052



0.4542, 0.4193, 0.5052

Inverse Universe

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



27.9904, 0.2974, 0.3037



47.7616, 0.2939, 0.2978



28.7034, 0.3053, 0.3043



6.4356, 0.2987, 0.3059



1.9780, 0.1500, 0.0600



0.0354, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 34.1504, 0.3273, 0.3531 looks on a white background.

Color Contrast Check

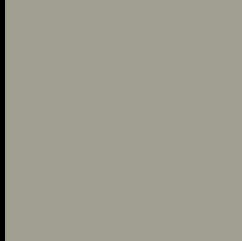
Large Text (above 18pt) WCAG AA × Fail

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 34.1504, 0.3273, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

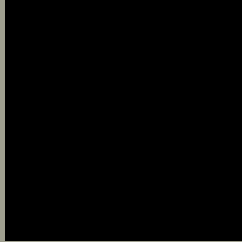
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1504, 0.3273, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 34.1504, 0.3273, 0.3531.



This preview shows how white text looks on a background with the Yxy color 34.1504, 0.3273, 0.3531.

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

34.1504, 0.3273, 0.3531

Protanopia

33.9594, 0.3337, 0.3513

Deuteranopia

33.9351, 0.3474, 0.3405



Tritanopia

34.0564, 0.3087, 0.3102

Trichromacy



Original Color

34.1504, 0.3273, 0.3531

Protanomaly

34.0881, 0.3314, 0.3529

Deuteranomaly

34.1142, 0.3393, 0.3451

Tritanomaly

33.9615, 0.3159, 0.3246

Monochromacy



Original Color

34.1504, 0.3273, 0.3531

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9898, 0.3182, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1504, 0.3273, 0.3531 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(159, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(159, 159, 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(159, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 159, 143) }
```

Border

The CSS property to change the border of an element to Yxy 34.1504, 0.3273, 0.3531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

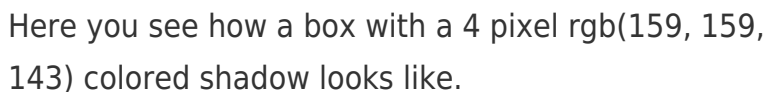
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 159, 143) }
```

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

```
.border{ border-color:rgb(159, 159, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 159, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 159, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 159, 143); box-shadow:4px 4px 4px 4px rgb(159, 159, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1504, 0.3273, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 159, 143) }
```

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

```
.background{ background-color: rgb(159,  
159, 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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