

Converting Colors

Yxy(60.4001, 0.3452, 0.3544)

Have a look what the booklet for
Yxy(60.4001, 0.3452, 0.3544)
contains.

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Color

Yxy(60.4001, 0.3452, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	DDC9B3
RGB	221, 201, 179
RGB Percent	87%, 79%, 70%
CMY	0.1335, 0.2117, 0.2981
CMYK	0.00, 0.09, 0.19, 0.13
HSL	31°, 38%, 78%
HSV	31°, 19%, 87%
XYZ	58.8322, 60.4001, 51.1969
YIQ	204.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

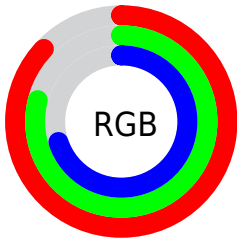
Format	Color
R _Y B	217, 221, 179
Decimal	14535091
CIE Lab	82.06, 3.47, 13.54
CIE LCh	82, 13.975, 75.643
Yxy	60.4001, 0.3452, 0.3544
Android (android.graphics.Color)	4292725171 (0xFFD9C9B3)
YUV	204.4720, -12.5577, 14.4951
Hunter-Lab	77.7175, -0.8811, 15.3446

Details

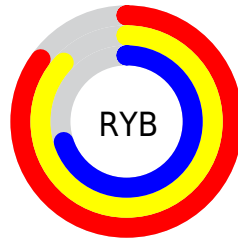
The Yxy color **60.4001, 0.3452, 0.3544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6142, 0.2828, 0.3022**, and the grayscale version is **60.7681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **30.4808, 0.3544, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **54.8503, 0.3656, 0.3685**, and if you desaturate by 10%, it is **66.4331, 0.3271, 0.3407**.

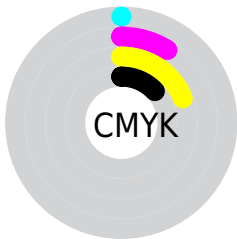
Distribution



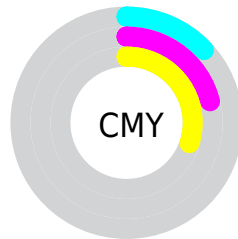
- Red (87%)
- Green (79%)
- Blue (70%)



- Red (85%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4001, 0.3452, 0.3544 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 60.4001, 0.3452, 0.3544 by changing the saturation by 10% instead.

 60.4001, 0.3452,
0.3544

 60.4001, 0.3452,
0.3544


426.0710, 0.3296,
0.3424

 43.7412, 0.3489,
0.3572


 105.4098, 0.3397,
0.3502

 30.4671, 0.3535,
0.3607


134.5295, 0.3376,
0.3485

 20.1934, 0.3595,
0.3652

168.5715, 0.3358,
0.3472

 12.5357, 0.3676,
0.3711

207.9203, 0.3342,
0.3459

 7.1096, 0.3789,
0.3793

252.9602, 0.3328,
0.3449

 3.5308, 0.3959,
0.3912

304.0757, 0.3316,

 1.4147, 0.4324,

0.3440

0.4179

361.6512, 0.3306,
0.3431

■ 0.2275, 0.5694,
0.4306

■ 0.0000, 0.0000,
0.0000

■ 60.4001, 0.3452,
0.3544

■ 60.4001, 0.3452,
0.3544

■ 54.8503, 0.3656,
0.3685

■ 66.4331, 0.3271,
0.3407

■ 49.7621, 0.3883,
0.3827

■ 72.9540, 0.3112,
0.3277

■ 45.1241, 0.4130,
0.3960

■ 79.9778, 0.2973,
0.3156

■ 40.9211, 0.4391,
0.4076

■ 86.6935, 0.2919,
0.3167

■ 37.1368, 0.4657,
0.4163

■ 93.1578, 0.2922,
0.3274

■ 33.7535, 0.4912,
0.4208

■ 94.1062, 0.2923,
0.3289

■ 30.7512, 0.5140,
0.4200

■ 28.1027, 0.5332,
0.4141

■ 27.8539, 0.5350,
0.4134

Harmonies

Analogous

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



60.4001, 0.3480, 0.3419



60.4001, 0.3452, 0.3544



60.4001, 0.3335, 0.3605

Triad

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



60.4001, 0.3452, 0.3544



60.4001, 0.2851, 0.3305



60.4001, 0.3082, 0.3023

Complementary

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



60.4001, 0.3452, 0.3544



55.6142, 0.2828, 0.3022

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.



60.4001, 0.2917, 0.2988



60.4001, 0.3452, 0.3544



60.4001, 0.2787, 0.3145

Square

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



60.4001, 0.3452, 0.3544



60.4001, 0.2988, 0.3466



60.4001, 0.2811, 0.3031



60.4001, 0.3263, 0.3123

Rectangle

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



60.4001, 0.3452, 0.3544



60.4001, 0.3225, 0.3597



60.4001, 0.2811, 0.3031



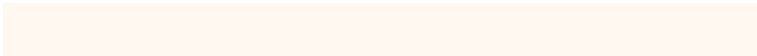
60.4001, 0.3023, 0.3003

Sweetspot

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



60.4028, 0.3452, 0.3544



94.5031, 0.3222, 0.3368



51.7369, 0.3325, 0.3057



20.1027, 0.3233, 0.3377



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



60.4028, 0.3452, 0.3544



80.2742, 0.3535, 0.3603



70.2037, 0.3407, 0.3762



14.1770, 0.3278, 0.3413



16.4155, 0.5328, 0.4152



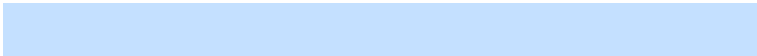
1.2357, 0.5093, 0.4338

Inverse Universe

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



55.6142, 0.2828, 0.3022



72.4290, 0.2759, 0.2955



47.1184, 0.2819, 0.2772



13.6325, 0.2982, 0.3164



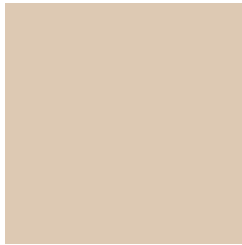
9.1247, 0.1751, 0.1503



0.7629, 0.1836, 0.1809

Previews

White Background



This preview shows how the Yxy color 60.4001, 0.3452, 0.3544 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 60.4001, 0.3452, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

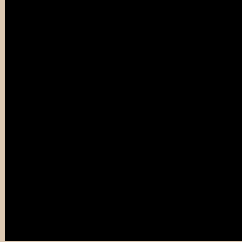
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

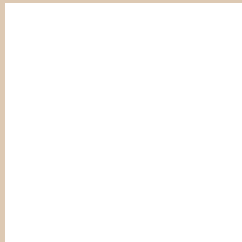
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4001, 0.3452, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 60.4001, 0.3452, 0.3544.



This preview shows how white text looks on a background with the Yxy color 60.4001, 0.3452, 0.3544.

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

60.4001, 0.3452, 0.3544

Protanopia

60.6272, 0.3374, 0.3571

Deuteranopia

60.5514, 0.3553, 0.3481



Tritanopia

60.2409, 0.3239, 0.3113

Trichromacy



Original Color

60.4001, 0.3452, 0.3544

Protanomaly

60.6061, 0.3400, 0.3558

Deuteranomaly

60.3415, 0.3517, 0.3494

Tritanomaly

60.4056, 0.3320, 0.3268

Monochromacy



Original Color

60.4001, 0.3452, 0.3544

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3536, 0.3240, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4001, 0.3452, 0.3544 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(221, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 201, 179)  
}
```

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(221, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 201, 179) }
```

Border

The CSS property to change the border of an element to Yxy 60.4001, 0.3452, 0.3544 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(221, 201, 179) }
```

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

```
.border{ border-color:rgb(221, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 201,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4001, 0.3452, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 201, 179) }
```

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

```
.background{ background-color: rgb(221,  
201, 179) }
```

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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