

Converting Colors

Yxy(52.1484, 0.3502, 0.3543)

Have a look what the booklet for
Yxy(52.1484, 0.3502, 0.3543)
contains.

Yxy(52.1427, 0.3503, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.1427, 0.3503, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	D3BBA6
RGB	211, 187, 166
RGB Percent	83%, 73%, 65%
CMY	0.1724, 0.2667, 0.3491
CMYK	0.00, 0.11, 0.21, 0.17
HSL	28°, 34%, 74%
HSV	28°, 21%, 83%
XYZ	51.5249, 52.1427, 43.4204
YIQ	191.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

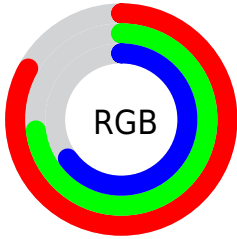
Format	Color
R_{YB}	211, 205, 166
Decimal	13876134
CIE _{Lab}	77.37, 5.25, 13.76
CIE _{LCh}	77, 14.732, 69.124
Yxy	52.1427, 0.3503, 0.3545
Android (android.graphics.Color)	4292066214 (0xFFD3BBA6)
YUV	191.7820, -12.7105, 16.8542
Hunter-Lab	72.2099, 1.0002, 14.8954

Details

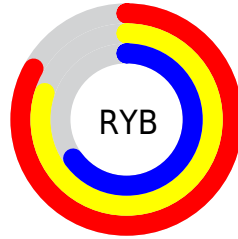
The Yxy color **52.1427, 0.3503, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6551, 0.2793, 0.3021**, and the grayscale version is **52.6480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5816, 0.3343, 0.3507**, and **25.3330, 0.3606, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **46.8392, 0.3719, 0.3672**, and if you desaturate by 10%, it is **57.9530, 0.3313, 0.3422**.

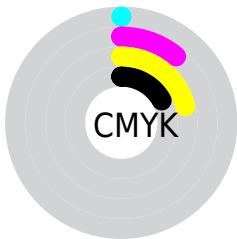
Distribution



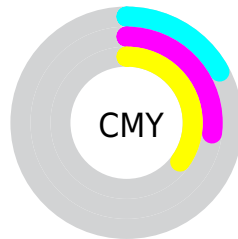
- Red (83%)
- Green (73%)
- Blue (65%)



- Red (83%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1427, 0.3503, 0.3545 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 52.1427, 0.3503, 0.3545 by changing the saturation by 10% instead.


 52.1427, 0.3503,
0.3545

 52.1427, 0.3503,
0.3545


394.9873, 0.3318,
0.3422

 37.1188, 0.3548,
0.3574


 93.3417, 0.3436,
0.3501

 25.2995, 0.3606,
0.3611


 120.2855, 0.3411,
0.3485

 16.3003, 0.3682,
0.3659


151.9715, 0.3390,
0.3470

 9.7369, 0.3786,
0.3722

188.7841, 0.3371,
0.3458

 5.2249, 0.3936,
0.3811

231.1075, 0.3355,
0.3447

 2.3798, 0.4171,
0.3941

279.3263, 0.3341,

 0.8155, 0.5259,

0.3438

0.4741

333.8247, 0.3329,
0.3430

0.0000, 0.0000,
0.0000

52.1427, 0.3503,
0.3545

52.1427, 0.3503,
0.3545

46.8392, 0.3719,
0.3672

57.9530, 0.3313,
0.3422

42.0208, 0.3963,
0.3797

64.2771, 0.3148,
0.3305

37.6741, 0.4231,
0.3913

71.1307, 0.3004,
0.3196

33.7826, 0.4516,
0.4010

78.5268, 0.2880,
0.3096

30.3285, 0.4808,
0.4076

85.3682, 0.2860,
0.3168

■ 27.2923, 0.5088,
0.4097

■ 92.3313, 0.2866,
0.3285

■ 24.6524, 0.5336,
0.4065

■ 92.5948, 0.2866,
0.3289

■ 22.6621, 0.5520,
0.3999

Harmonies

Analogous

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



52.1427, 0.3511, 0.3396



52.1427, 0.3503, 0.3545



52.1427, 0.3392, 0.3632

Triad

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



52.1427, 0.3503, 0.3545



52.1427, 0.2848, 0.3347



52.1427, 0.3033, 0.2980

Complementary

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



52.1427, 0.3503, 0.3545



49.6551, 0.2793, 0.3021

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.



52.1427, 0.2863, 0.2960



52.1427, 0.3503, 0.3545



52.1427, 0.2758, 0.3164

Square

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



52.1427, 0.3503, 0.3545



52.1427, 0.3013, 0.3519



52.1427, 0.2764, 0.3024



52.1427, 0.3235, 0.3077

Rectangle

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



52.1427, 0.3503, 0.3545



52.1427, 0.3276, 0.3638



52.1427, 0.2764, 0.3024



52.1427, 0.2971, 0.2964

Sweetspot

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



52.1451, 0.3503, 0.3545



93.9526, 0.3223, 0.3359



44.8755, 0.3327, 0.2993



19.9727, 0.3234, 0.3367



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.



52.1451, 0.3503, 0.3545



75.9019, 0.3606, 0.3607



62.1046, 0.3452, 0.3794



12.7037, 0.3279, 0.3399



13.8719, 0.5495, 0.4019



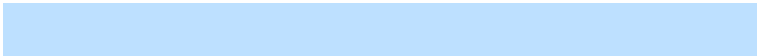
0.9337, 0.5196, 0.4257

Inverse Universe

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



49.6551, 0.2793, 0.3021



71.3614, 0.2713, 0.2950



40.9066, 0.2773, 0.2731



12.4477, 0.2983, 0.3179



10.1240, 0.1807, 0.1703



0.7241, 0.1894, 0.2019

Previews

White Background



This preview shows how the Yxy color 52.1427, 0.3503, 0.3545 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 52.1427, 0.3503, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

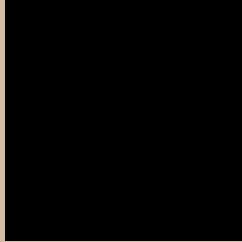
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1427, 0.3503, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 52.1427, 0.3503, 0.3545.



This preview shows how white text looks on a background with the Yxy color 52.1427, 0.3503, 0.3545.

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

52.1427, 0.3503, 0.3545

Protanopia

52.3681, 0.3382, 0.3576

Deuteranopia

52.1311, 0.3573, 0.3492



Tritanopia

52.3453, 0.3288, 0.3127

Trichromacy



Original Color

52.1427, 0.3503, 0.3545

Protanomaly

52.4543, 0.3426, 0.3574

Deuteranomaly

52.0869, 0.3543, 0.3506

Tritanomaly

52.1223, 0.3368, 0.3267

Monochromacy



Original Color

52.1427, 0.3503, 0.3545

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3879, 0.3256, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1427, 0.3503, 0.3545 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(211, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 187, 166)  
}
```

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(211, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 187, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.1427, 0.3503, 0.3545 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(211, 187, 166) }
```

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

```
.border{ border-color:rgb(211, 187, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 187, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 187,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1427, 0.3503, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 187, 166) }
```

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

```
.background{ background-color: rgb(211,  
187, 166) }
```

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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