

Converting Colors

$Y_{xy}(53.2120, 0.3541, 0.3344)$

Have a look what the booklet for
Yxy(53.2120, 0.3541, 0.3344)
contains.

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Color

Yxy(53.2501, 0.3543, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	E2B7B2
RGB	226, 183, 178
RGB Percent	89%, 72%, 70%
CMY	0.1137, 0.2823, 0.3020
CMYK	0.00, 0.19, 0.21, 0.11
HSL	6°, 45%, 79%
HSV	6°, 21%, 89%
XYZ	56.3348, 53.2501, 49.4181
YIQ	195.2870, 27.2330, 7.5610

Conversions

Conversions Part 2

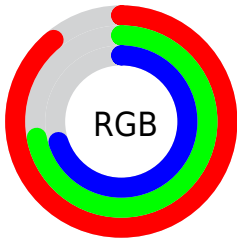
Format	Color
R _Y B	226, 184, 178
Decimal	14858162
CIE Lab	78.02, 14.73, 8.41
CIE LCh	78, 16.962, 29.717
Yxy	53.2501, 0.3543, 0.3349
Android (android.graphics.Color)	4293048242 (0xFFE2B7B2)
YUV	195.2870, -8.5225, 26.9353
Hunter-Lab	72.9727, 10.0995, 10.9288

Details

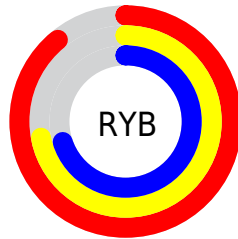
The Yxy color **53.2501, 0.3543, 0.3349** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6632, 0.2807, 0.3230**, and the grayscale version is **54.7942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9335, 0.3265, 0.3339**, and **25.9920, 0.3662, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **44.6609, 0.3811, 0.3379**, and if you desaturate by 10%, it is **63.1942, 0.3324, 0.3320**.

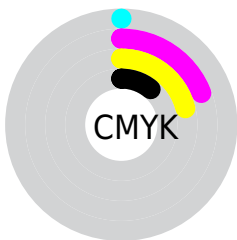
Distribution



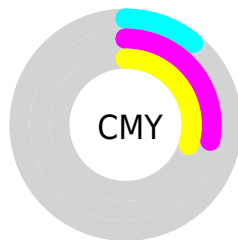
- Red (89%)
- Green (72%)
- Blue (70%)



- Red (89%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2501, 0.3543, 0.3349 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 53.2501, 0.3543, 0.3349 by changing the saturation by 10% instead.


 53.2501, 0.3543,
0.3349

 53.2501, 0.3543,
0.3349


399.2439, 0.3338,
0.3323

 38.0025, 0.3593,
0.3354


 94.9723, 0.3469,
0.3341

 25.9846, 0.3657,
0.3360


122.2156, 0.3441,
0.3337

 16.8121, 0.3741,
0.3368


154.2263, 0.3418,
0.3334

 10.1006, 0.3857,
0.3376


191.3888, 0.3397,
0.3331

 5.4657, 0.4025,
0.3384

234.0873, 0.3380,
0.3329

 2.5230, 0.4292,
0.3389

282.7065, 0.3364,

 0.8881, 0.4982,

0.3327

0.3517

337.6305, 0.3350,
0.3325

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2501, 0.3543,
0.3349

53.2501, 0.3543,
0.3349

44.6609, 0.3811,
0.3379

63.1942, 0.3324,
0.3320

37.3609, 0.4136,
0.3408

74.5407, 0.3147,
0.3293

31.2901, 0.4519,
0.3433

87.3436, 0.3003,
0.3269

26.3807, 0.4951,
0.3449

94.9109, 0.2952,
0.3289

■ 22.5581, 0.5404,
0.3451

■ 19.7395, 0.5824,
0.3433

■ 17.8295, 0.6150,
0.3395

■ 16.8089, 0.6329,
0.3357

Harmonies

Analogous

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



53.2501, 0.3396, 0.3159



53.2501, 0.3543, 0.3349



53.2501, 0.3574, 0.3532

Triad

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



53.2501, 0.3543, 0.3349



53.2501, 0.3065, 0.3602



53.2501, 0.2779, 0.2926

Complementary

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



53.2501, 0.3543, 0.3349



66.6632, 0.2807, 0.3230

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.



53.2501, 0.2699, 0.3028



53.2501, 0.3543, 0.3349



53.2501, 0.2860, 0.3421

Square

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



53.2501, 0.3543, 0.3349



53.2501, 0.3293, 0.3689



53.2501, 0.2728, 0.3207



53.2501, 0.2952, 0.2920

Rectangle

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



53.2501, 0.3543, 0.3349



53.2501, 0.3524, 0.3626



53.2501, 0.2728, 0.3207



53.2501, 0.2741, 0.2950

Sweetspot

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



53.2525, 0.3543, 0.3349



90.6215, 0.3227, 0.3306



53.2359, 0.3190, 0.2813



19.1871, 0.3239, 0.3308



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.



53.2525, 0.3543, 0.3349



64.2346, 0.3668, 0.3364



63.9135, 0.3488, 0.3616



13.9299, 0.3289, 0.3315



9.6698, 0.6313, 0.3370



0.7493, 0.6107, 0.3533

Inverse Universe

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



66.6632, 0.2807, 0.3230



85.1778, 0.2738, 0.3215



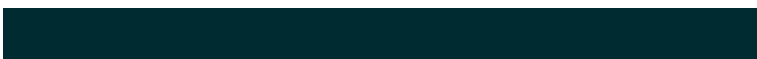
54.9752, 0.2787, 0.2941



15.3146, 0.2982, 0.3265



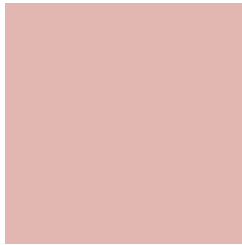
27.4353, 0.2155, 0.2959



1.9730, 0.2171, 0.3015

Previews

White Background



This preview shows how the Yxy color 53.2501, 0.3543, 0.3349 looks on a white background.

Color Contrast Check

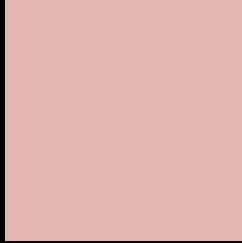
Large Text (above 18pt) WCAG AA × Fail

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 53.2501, 0.3543, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

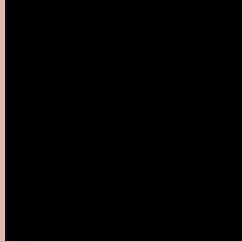
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2501, 0.3543, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 53.2501, 0.3543, 0.3349.



This preview shows how white text looks on a background with the Yxy color 53.2501, 0.3543, 0.3349.

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

53.2501, 0.3543, 0.3349

Protanopia

53.2603, 0.3253, 0.3401

Deuteranopia

53.1976, 0.3474, 0.3397



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

53.2501, 0.3543, 0.3349

Protanomaly

53.2867, 0.3358, 0.3387

Deuteranomaly

53.2444, 0.3503, 0.3385

Tritanomaly

53.0095, 0.3470, 0.3211

Monochromacy



Original Color

53.2501, 0.3543, 0.3349

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.0575, 0.3266, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2501, 0.3543, 0.3349 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(226, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 178)  
}
```

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(226, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 178) }
```

Border

The CSS property to change the border of an element to Yxy 53.2501, 0.3543, 0.3349 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(226, 183, 178) }
```

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

```
.border{ border-color:rgb(226, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2501, 0.3543, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 178) }
```

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

```
.background{ background-color: rgb(226,  
183, 178) }
```

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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