

Converting Colors

$Yxy(53.9073, 0.3532, 0.3328)$

Have a look what the booklet for
Yxy(53.9073, 0.3532, 0.3328)
contains.

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Color

Yxy(53.9481, 0.3523, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	E3B8B5
RGB	227, 184, 181
RGB Percent	89%, 72%, 71%
CMY	0.1101, 0.2783, 0.2902
CMYK	0.00, 0.19, 0.20, 0.11
HSL	4°, 45%, 80%
HSV	4°, 20%, 89%
XYZ	57.1435, 53.9481, 51.1096
YIQ	196.5150, 26.5910, 8.1830

Conversions

Conversions Part 2

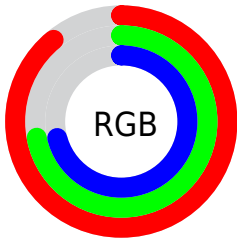
Format	Color
R _Y B	227, 184, 181
Decimal	14923957
CIE Lab	78.43, 14.97, 7.38
CIE LCh	78, 16.688, 26.244
Yxy	53.9481, 0.3523, 0.3326
Android (android.graphics.Color)	4293114037 (0xFFE3B8B5)
YUV	196.5150, -7.6489, 26.7353
Hunter-Lab	73.4494, 10.3362, 10.1577

Details

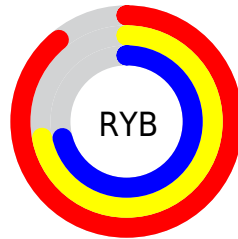
The Yxy color $53.9481, 0.3523, 0.3326$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.6180, 0.2823, 0.3254$, and the grayscale version is $55.5604, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6946, 0.3245, 0.3320$, and $26.4490, 0.3634, 0.3337$ is the 20% darker color. If you saturate the color by 10%, you get $44.9377, 0.3791, 0.3345$, and if you desaturate by 10%, it is $64.4338, 0.3306, 0.3308$.

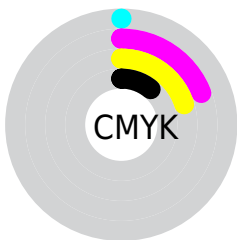
Distribution



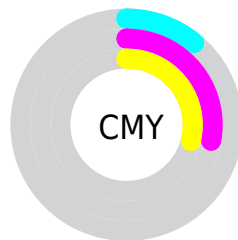
- Red (89%)
- Green (72%)
- Blue (71%)



- Red (89%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (11%)




- Cyan (11%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9481, 0.3523, 0.3326 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 53.9481, 0.3523, 0.3326 by changing the saturation by 10% instead.


 53.9481, 0.3523,
0.3326

 53.9481, 0.3523,
0.3326

401.9121, 0.3328,
0.3311

 38.5602, 0.3571,
0.3329


 95.9980, 0.3453,
0.3321

 26.4177, 0.3631,
0.3332


123.4288, 0.3427,
0.3319

 17.1364, 0.3710,
0.3335


155.6427, 0.3404,
0.3318

 10.3318, 0.3819,
0.3338

193.0241, 0.3385,
0.3316

 5.6195, 0.3978,
0.3339

235.9573, 0.3368,
0.3315

 2.6151, 0.4228,
0.3334

284.8268, 0.3353,

 0.9343, 0.4798,

0.3313

0.3388

340.0169, 0.3340,
0.3312

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9481, 0.3523,
0.3326

53.9481, 0.3523,
0.3326

44.9377, 0.3791,
0.3345

64.4338, 0.3306,
0.3308

37.3295, 0.4118,
0.3364

76.4491, 0.3131,
0.3290

31.0552, 0.4507,
0.3380

90.0544, 0.2990,
0.3275

26.0379, 0.4949,
0.3391

95.0606, 0.2958,
0.3290

■ 22.1927, 0.5414,
0.3392

■ 19.4244, 0.5846,
0.3381

■ 17.6229, 0.6176,
0.3356

■ 16.6634, 0.6362,
0.3331

Harmonies

Analogous

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



53.9481, 0.3368, 0.3142



53.9481, 0.3523, 0.3326



53.9481, 0.3568, 0.3508

Triad

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



53.9481, 0.3523, 0.3326



53.9481, 0.3093, 0.3610



53.9481, 0.2772, 0.2940

Complementary

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



53.9481, 0.3523, 0.3326



68.6180, 0.2823, 0.3254

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.



53.9481, 0.2705, 0.3050



53.9481, 0.3523, 0.3326



53.9481, 0.2886, 0.3442

Square

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



53.9481, 0.3523, 0.3326



53.9481, 0.3314, 0.3683



53.9481, 0.2746, 0.3233



53.9481, 0.2932, 0.2923

Rectangle

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



53.9481, 0.3523, 0.3326



53.9481, 0.3528, 0.3606



53.9481, 0.2746, 0.3233



53.9481, 0.2738, 0.2967

Sweetspot

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



53.9506, 0.3523, 0.3326



90.2748, 0.3228, 0.3300



54.7797, 0.3168, 0.2812



19.1055, 0.3240, 0.3301



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.



53.9506, 0.3523, 0.3326



65.4682, 0.3621, 0.3334



63.9239, 0.3474, 0.3575



13.8456, 0.3290, 0.3306



9.4790, 0.6350, 0.3340



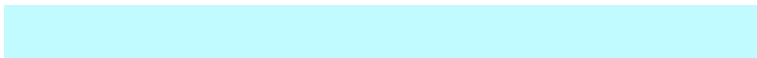
0.7091, 0.6208, 0.3452

Inverse Universe

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



68.6180, 0.2823, 0.3254



87.6225, 0.2768, 0.3246



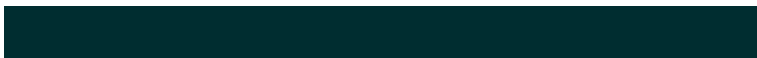
57.4485, 0.2806, 0.2988



15.4086, 0.2982, 0.3274



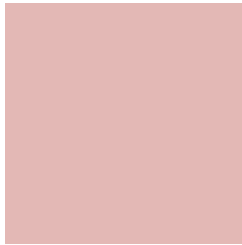
29.7875, 0.2190, 0.3083



2.1122, 0.2199, 0.3117

Previews

White Background



This preview shows how the Yxy color 53.9481, 0.3523, 0.3326 looks on a white background.

Color Contrast Check

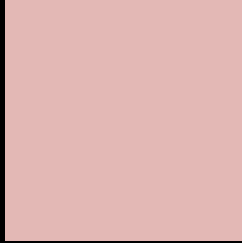
Large Text (above 18pt) WCAG AA × Fail

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 53.9481, 0.3523, 0.3326 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 53.9481, 0.3523, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 53.9481, 0.3523, 0.3326.



This preview shows how white text looks on a background with the Yxy color 53.9481, 0.3523, 0.3326.

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

53.9481, 0.3523, 0.3326

Protanopia

53.9645, 0.3237, 0.3376

Deuteranopia

54.1672, 0.3445, 0.3385



Tritanopia

54.0994, 0.3417, 0.3133

Trichromacy



Original Color

53.9481, 0.3523, 0.3326

Protanomaly

53.9892, 0.3341, 0.3362

Deuteranomaly

54.2081, 0.3473, 0.3372

Tritanomaly

54.1225, 0.3449, 0.3200

Monochromacy



Original Color

53.9481, 0.3523, 0.3326

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8708, 0.3266, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9481, 0.3523, 0.3326 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(227, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 181)  
}
```

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(227, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.9481, 0.3523, 0.3326 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(227, 184, 181) }
```

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

```
.border{ border-color:rgb(227, 184, 181) }
```

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

Here you see how a box with a 4 pixel rgb(227, 184, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9481, 0.3523, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 181) }
```

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

```
.background{ background-color: rgb(227,  
184, 181) }
```

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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