

Converting Colors

$Y_{xy}(54.5190, 0.3533, 0.3325)$

Have a look what the booklet for
Yxy(54.5190, 0.3533, 0.3325)
contains.

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Color

Yxy(54.7333, 0.3530, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	E5B9B6
RGB	229, 185, 182
RGB Percent	90%, 73%, 71%
CMY	0.1020, 0.2745, 0.2862
CMYK	0.00, 0.19, 0.21, 0.10
HSL	4°, 47%, 81%
HSV	4°, 21%, 90%
XYZ	58.1078, 54.7333, 51.7703
YIQ	197.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

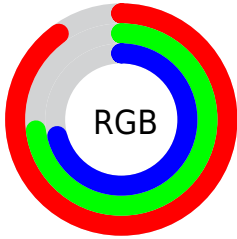
Format	Color
R _Y B	229, 185, 182
Decimal	15055286
CIE Lab	78.89, 15.36, 7.50
CIE LCh	79, 17.096, 26.016
Yxy	54.7333, 0.3530, 0.3325
Android (android.graphics.Color)	4293245366 (0xFFE5B9B6)
YUV	197.8140, -7.7963, 27.3501
Hunter-Lab	73.9820, 10.7313, 10.2981

Details

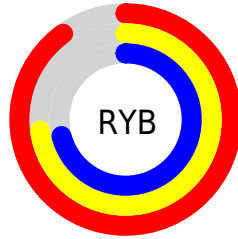
The Yxy color **54.7333, 0.3530, 0.3325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0110, 0.2819, 0.3255**, and the grayscale version is **56.3912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3436, 0.3238, 0.3320**, and **26.9717, 0.3643, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **45.5575, 0.3800, 0.3343**, and if you desaturate by 10%, it is **65.4226, 0.3311, 0.3307**.

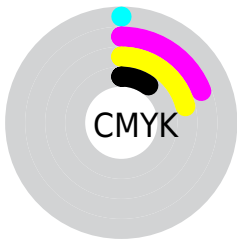
Distribution



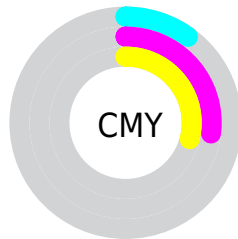
- Red (90%)
- Green (73%)
- Blue (71%)



- Red (90%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7333, 0.3530, 0.3325 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 54.7333, 0.3530, 0.3325 by changing the saturation by 10% instead.


 54.7333, 0.3530,
0.3325

 54.7333, 0.3530,
0.3325

404.9002, 0.3332,
0.3311

 39.1882, 0.3578,
0.3328


 97.1501, 0.3459,
0.3321

 26.9062, 0.3639,
0.3330


124.7906, 0.3432,
0.3319

 17.5028, 0.3719,
0.3333


157.2317, 0.3409,
0.3317

 10.5936, 0.3829,
0.3336

194.8578, 0.3390,
0.3316

 5.7943, 0.3988,
0.3336

238.0533, 0.3373,
0.3314

 2.7204, 0.4238,
0.3330

287.2026, 0.3358,

 0.9876, 0.4775,

0.3313

342.6901, 0.3344,
0.3312

0.3362

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7333, 0.3530,
0.3325

54.7333, 0.3530,
0.3325

45.5575, 0.3800,
0.3343

65.4226, 0.3311,
0.3307

37.8199, 0.4130,
0.3361

77.6815, 0.3135,
0.3291

31.4496, 0.4522,
0.3377

91.5725, 0.2993,
0.3276

26.3672, 0.4966,
0.3387

95.3984, 0.2970,
0.3290

■ 22.4848, 0.5432,
0.3388

■ 19.7037, 0.5862,
0.3376

■ 17.9093, 0.6187,
0.3352

■ 16.9866, 0.6364,
0.3329

Harmonies

Analogous

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



54.7333, 0.3371, 0.3138



54.7333, 0.3530, 0.3325



54.7333, 0.3576, 0.3511

Triad

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



54.7333, 0.3530, 0.3325



54.7333, 0.3093, 0.3618



54.7333, 0.2764, 0.2934

Complementary

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



54.7333, 0.3530, 0.3325



70.0110, 0.2819, 0.3255

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.



54.7333, 0.2697, 0.3046



54.7333, 0.3530, 0.3325



54.7333, 0.2883, 0.3446

Square

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



54.7333, 0.3530, 0.3325



54.7333, 0.3319, 0.3691



54.7333, 0.2740, 0.3233



54.7333, 0.2927, 0.2916

Rectangle

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



54.7333, 0.3530, 0.3325



54.7333, 0.3537, 0.3611



54.7333, 0.2740, 0.3233



54.7333, 0.2730, 0.2961

Sweetspot

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



54.7358, 0.3530, 0.3325



90.2489, 0.3228, 0.3300



55.6511, 0.3169, 0.2805



19.0994, 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.



54.7358, 0.3530, 0.3325



64.1937, 0.3648, 0.3334



65.0813, 0.3480, 0.3579



14.5139, 0.3291, 0.3306



9.7709, 0.6353, 0.3338



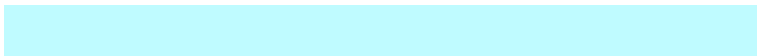
0.7740, 0.6224, 0.3440

Inverse Universe

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



70.0110, 0.2819, 0.3255



87.2971, 0.2755, 0.3246



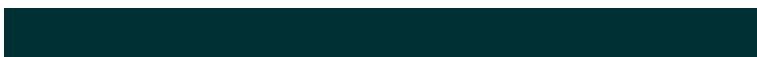
58.3948, 0.2801, 0.2983



16.1716, 0.2982, 0.3275



30.9390, 0.2192, 0.3092



2.3339, 0.2201, 0.3122

Previews

White Background



This preview shows how the Yxy color 54.7333, 0.3530, 0.3325 looks on a white background.

Color Contrast Check

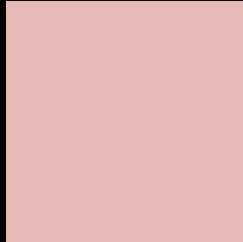
Large Text (above 18pt) WCAG AA × Fail

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 54.7333, 0.3530, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

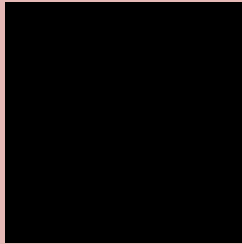
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7333, 0.3530, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 54.7333, 0.3530, 0.3325.

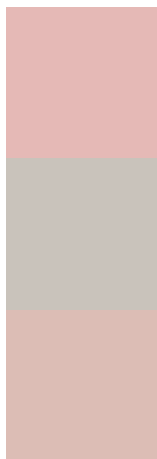


This preview shows how white text looks on a background with the Yxy color 54.7333, 0.3530, 0.3325.

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

54.7333, 0.3530, 0.3325

Protanopia

55.0356, 0.3236, 0.3387

Deuteranopia

54.9470, 0.3452, 0.3384



Tritanopia

54.8871, 0.3424, 0.3134

Trichromacy



Original Color

54.7333, 0.3530, 0.3325

Protanomaly

54.6133, 0.3340, 0.3362

Deuteranomaly

54.9906, 0.3480, 0.3372

Tritanomaly

54.9097, 0.3456, 0.3201

Monochromacy



Original Color

54.7333, 0.3530, 0.3325

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5010, 0.3265, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7333, 0.3530, 0.3325 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(229, 185, 182)` looks like.

```
.text, #text, p{  
    color:rgb(229, 185, 182)  
}
```

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(229, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 185, 182) }
```

Border

The CSS property to change the border of an element to Yxy 54.7333, 0.3530, 0.3325 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(229, 185, 182) }
```

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

```
.border{ border-color:rgb(229, 185, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 185, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 185, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 185, 182); box-shadow:4px 4px 4px 4px rgb(229, 185, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7333, 0.3530, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 185, 182) }
```

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

```
.background{ background-color: rgb(229,  
185, 182) }
```

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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