

Converting Colors

$Yxy(50.5495, 0.3543, 0.3226)$

Have a look what the booklet for
Yxy(50.5495, 0.3543, 0.3226)
contains.

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Color

Yxy(50.3270, 0.3544, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	E3AFB5
RGB	227, 175, 181
RGB Percent	89%, 69%, 71%
CMY	0.1097, 0.3138, 0.2902
CMYK	0.00, 0.23, 0.20, 0.11
HSL	353°, 48%, 79%
HSV	353°, 23%, 89%
XYZ	55.3566, 50.3270, 50.5144
YIQ	191.2320, 29.0660, 12.8900

Conversions

Conversions Part 2

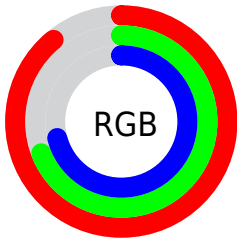
Format	Color
R _Y B	227, 175, 181
Decimal	14921653
CIE Lab	76.27, 19.84, 4.26
CIE LCh	76, 20.293, 12.111
Yxy	50.3270, 0.3544, 0.3222
Android (android.graphics.Color)	4293111733 (0xFFE3AFB5)
YUV	191.2320, -5.0444, 31.3685
Hunter-Lab	70.9415, 15.1382, 7.4412

Details

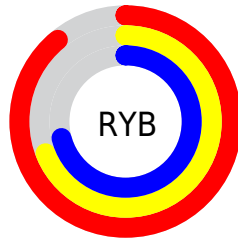
The Yxy color **50.3270, 0.3544, 0.3222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.2900, 0.2823, 0.3360**, and the grayscale version is **52.2615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5263, 0.3253, 0.3231**, and **24.1355, 0.3667, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **41.4570, 0.3801, 0.3191**, and if you desaturate by 10%, it is **60.8061, 0.3336, 0.3253**.

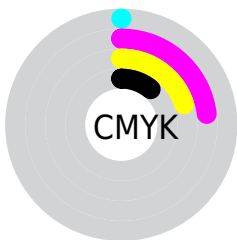
Distribution



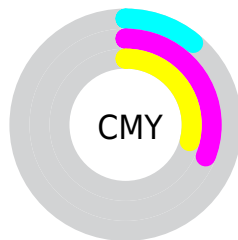
- Red (89%)
- Green (69%)
- Blue (71%)



- Red (89%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3270, 0.3544, 0.3222 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 50.3270, 0.3544, 0.3222 by changing the saturation by 10% instead.


 50.3270, 0.3544,
0.3222

 50.3270, 0.3544,
0.3222


387.9433, 0.3337,
0.3258

 35.6733, 0.3595,
0.3213


 90.6592, 0.3469,
0.3235

 24.1820, 0.3661,
0.3200


117.1065, 0.3441,
0.3240

 15.4687, 0.3747,
0.3183


148.2537, 0.3417,
0.3244

 9.1490, 0.3867,
0.3159

184.4853, 0.3397,
0.3248

 4.8385, 0.4044,
0.3120

226.1857, 0.3379,
0.3251

 2.1528, 0.4329,
0.3053

273.7392, 0.3363,

 0.6941, 0.5063,

0.3254

0.2974

327.5303, 0.3349,
0.3256

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3270, 0.3544,
0.3222

50.3270, 0.3544,
0.3222

41.4570, 0.3801,
0.3191

60.8061, 0.3336,
0.3253

34.1098, 0.4116,
0.3161

72.9611, 0.3169,
0.3282

28.2017, 0.4491,
0.3137

86.8636, 0.3035,
0.3309

23.6380, 0.4916,
0.3124

95.0760, 0.2958,
0.3290

■ 20.3128, 0.5366,
0.3127

■ 18.1040, 0.5787,
0.3152

■ 16.8649, 0.6119,
0.3198

■ 16.4117, 0.6279,
0.3233

Harmonies

Analogous

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



50.3270, 0.3303, 0.3014



50.3270, 0.3544, 0.3222



50.3270, 0.3670, 0.3454

Triad

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



50.3270, 0.3544, 0.3222



50.3270, 0.3214, 0.3753



50.3270, 0.2634, 0.2905

Complementary

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



50.3270, 0.3544, 0.3222



69.2900, 0.2823, 0.3360

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.



50.3270, 0.2613, 0.3087



50.3270, 0.3544, 0.3222



50.3270, 0.2940, 0.3591

Square

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



50.3270, 0.3544, 0.3222



50.3270, 0.3472, 0.3773



50.3270, 0.2723, 0.3340



50.3270, 0.2780, 0.2832

Rectangle

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



50.3270, 0.3544, 0.3222



50.3270, 0.3669, 0.3596



50.3270, 0.2723, 0.3340



50.3270, 0.2612, 0.2955

Sweetspot

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



50.3293, 0.3544, 0.3222



88.1598, 0.3234, 0.3270



51.5706, 0.3104, 0.2713



18.6625, 0.3244, 0.3268



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.



50.3293, 0.3544, 0.3222



59.1741, 0.3673, 0.3206



58.4345, 0.3548, 0.3518



14.3949, 0.3274, 0.3263



9.5770, 0.6256, 0.3220



0.7167, 0.5952, 0.3052

Inverse Universe

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



50.3293, 0.3544, 0.3222



59.1741, 0.3673, 0.3206



59.3268, 0.2770, 0.3050



14.3949, 0.3274, 0.3263



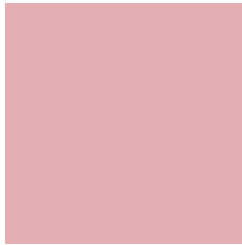
9.5770, 0.6256, 0.3220



0.7167, 0.5952, 0.3052

Previews

White Background



This preview shows how the Yxy color 50.3270, 0.3544, 0.3222 looks on a white background.

Color Contrast Check

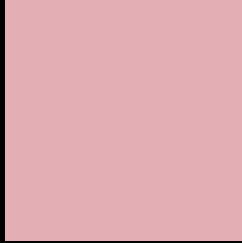
Large Text (above 18pt) WCAG AA × Fail

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 50.3270, 0.3544, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

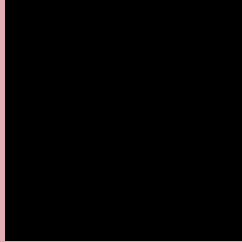
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3270, 0.3544, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 50.3270, 0.3544, 0.3222.



This preview shows how white text looks on a background with the Yxy color 50.3270, 0.3544, 0.3222.

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

50.3270, 0.3544, 0.3222

Protanopia

50.3780, 0.3161, 0.3278

Deuteranopia

50.4528, 0.3387, 0.3315



Tritanopia

50.3539, 0.3501, 0.3143

Trichromacy



Original Color

50.3270, 0.3544, 0.3222

Protanomaly

50.3489, 0.3300, 0.3266

Deuteranomaly

50.1344, 0.3445, 0.3279

Tritanomaly

50.2689, 0.3519, 0.3165

Monochromacy



Original Color

50.3270, 0.3544, 0.3222

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1231, 0.3272, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3270, 0.3544, 0.3222 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, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 175, 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, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 175, 181) }
```

Border

The CSS property to change the border of an element to Yxy 50.3270, 0.3544, 0.3222 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, 175, 181) }
```

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

```
.border{ border-color:rgb(227, 175, 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, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 175,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3270, 0.3544, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 175, 181) }
```

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

```
.background{ background-color: rgb(227,  
175, 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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