

Converting Colors

Yxy(54.8308, 0.3524, 0.3263)

Have a look what the booklet for
Yxy(54.8308, 0.3524, 0.3263)
contains.

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Color

Yxy(54.9820, 0.3524, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E8B8BA
RGB	232, 184, 186
RGB Percent	91%, 72%, 73%
CMY	0.0904, 0.2783, 0.2706
CMYK	0.00, 0.21, 0.20, 0.09
HSL	358°, 51%, 82%
HSV	358°, 21%, 91%
XYZ	59.2709, 54.9820, 53.9392
YIQ	198.5800, 27.9660, 10.7980

Conversions

Conversions Part 2

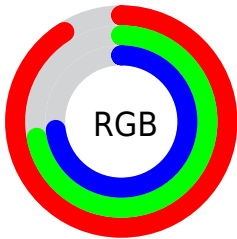
Format	Color
R _Y B	232, 184, 186
Decimal	15251642
CIE Lab	79.03, 17.56, 5.60
CIE LCh	79, 18.428, 17.678
Yxy	54.9820, 0.3524, 0.3269
Android (android.graphics.Color)	4293441722 (0xFFE8B8BA)
YUV	198.5800, -6.2019, 29.3093
Hunter-Lab	74.1498, 12.9199, 8.7753

Details

The Yxy color **54.9820, 0.3524, 0.3269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5944, 0.2830, 0.3312**, and the grayscale version is **56.8687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9910, 0.3214, 0.3271**, and **27.1562, 0.3634, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **45.2498, 0.3792, 0.3258**, and if you desaturate by 10%, it is **66.4465, 0.3309, 0.3280**.

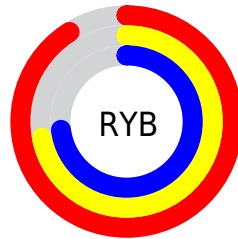
Distribution



Red (91%)

Green (72%)

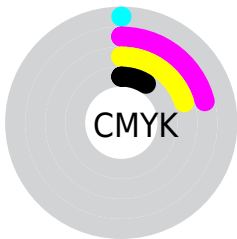
Blue (73%)



Red (91%)

Yellow (72%)

Blue (73%)

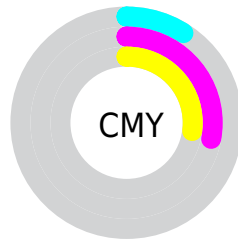


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (9%)



Cyan (9%)


Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9820, 0.3524, 0.3269 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 54.9820, 0.3524, 0.3269 by changing the saturation by 10% instead.

 54.9820, 0.3524,
0.3269

 54.9820, 0.3524,
0.3269


405.8437, 0.3330,
0.3282

 39.3873, 0.3571,
0.3265

 97.5146, 0.3454,
0.3274

 27.0612, 0.3631,
0.3260

125.2213, 0.3428,
0.3276

 17.6192, 0.3710,
0.3253


157.7341, 0.3405,
0.3277

 10.6769, 0.3817,
0.3242

195.4374, 0.3386,
0.3278

 5.8500, 0.3973,
0.3223

238.7156, 0.3369,
0.3280

 2.7541, 0.4217,
0.3189

287.9531, 0.3355,

 1.0047, 0.4686,

0.3280

0.3137

343.5344, 0.3341,
0.3281

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9820, 0.3524,
0.3269

54.9820, 0.3524,
0.3269

45.2498, 0.3792,
0.3258

66.4465, 0.3309,
0.3280

37.1586, 0.4121,
0.3248

79.7138, 0.3137,
0.3289

30.6204, 0.4516,
0.3240

94.8597, 0.3000,
0.3298

25.5356, 0.4966,
0.3236

95.8885, 0.2987,
0.3290

■ 21.7934, 0.5439,
0.3239

■ 19.2667, 0.5874,
0.3249

■ 17.8045, 0.6200,
0.3267

■ 17.1694, 0.6368,
0.3282

Harmonies

Analogous

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



54.9820, 0.3327, 0.3076



54.9820, 0.3524, 0.3269



54.9820, 0.3611, 0.3474

Triad

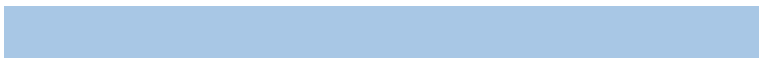
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9820, 0.3524, 0.3269



54.9820, 0.3159, 0.3679



54.9820, 0.2706, 0.2931

Complementary

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



54.9820, 0.3524, 0.3269



73.5944, 0.2830, 0.3312

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.



54.9820, 0.2666, 0.3077



54.9820, 0.3524, 0.3269



54.9820, 0.2922, 0.3518

Square

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



54.9820, 0.3524, 0.3269



54.9820, 0.3394, 0.3722



54.9820, 0.2744, 0.3292



54.9820, 0.2855, 0.2884

Rectangle

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



54.9820, 0.3524, 0.3269



54.9820, 0.3593, 0.3593



54.9820, 0.2744, 0.3292



54.9820, 0.2680, 0.2969

Sweetspot

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



54.9845, 0.3524, 0.3269



89.7145, 0.3225, 0.3284



56.8650, 0.3132, 0.2774



18.9737, 0.3236, 0.3284



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.



54.9845, 0.3524, 0.3269



62.5200, 0.3636, 0.3264



64.5574, 0.3493, 0.3530



14.3775, 0.3286, 0.3281



9.5403, 0.6356, 0.3275



0.7084, 0.6231, 0.3206

Inverse Universe

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



54.9845, 0.3524, 0.3269



62.5200, 0.3636, 0.3264



62.3015, 0.2802, 0.3038



14.3775, 0.3286, 0.3281



9.5403, 0.6356, 0.3275



0.7084, 0.6231, 0.3206

Previews

White Background



This preview shows how the Yxy color 54.9820, 0.3524, 0.3269 looks on a white background.

Color Contrast Check

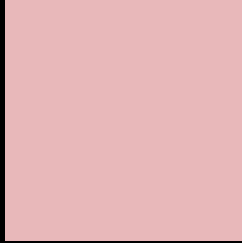
Large Text (above 18pt) WCAG AA × Fail

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 54.9820, 0.3524, 0.3269 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 54.9820, 0.3524, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 54.9820, 0.3524, 0.3269.



This preview shows how white text looks on a background with the Yxy color 54.9820, 0.3524, 0.3269.

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

54.9820, 0.3524, 0.3269

Protanopia

55.1153, 0.3190, 0.3326

Deuteranopia

54.9580, 0.3411, 0.3337



Tritanopia

54.8108, 0.3443, 0.3124

Trichromacy



Original Color

54.9820, 0.3524, 0.3269

Protanomaly

54.9764, 0.3308, 0.3302

Deuteranomaly

54.8907, 0.3457, 0.3314

Tritanomaly

55.0409, 0.3475, 0.3180

Monochromacy



Original Color

54.9820, 0.3524, 0.3269

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3275, 0.3265, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9820, 0.3524, 0.3269 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(232, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(232, 184, 186)  
}
```

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(232, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 184, 186) }
```

Border

The CSS property to change the border of an element to Yxy 54.9820, 0.3524, 0.3269 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(232, 184, 186) }
```

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

```
.border{ border-color:rgb(232, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(232, 184,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9820, 0.3524, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 184, 186) }
```

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

```
.background{ background-color: rgb(232,  
184, 186) }
```

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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