

Converting Colors

Yxy(54.9284, 0.3318, 0.3286)

Have a look what the booklet for
Yxy(54.9284, 0.3318, 0.3286)
contains.

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Color

Yxy(54.8846, 0.3319, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D6BEBF
RGB	214, 190, 191
RGB Percent	84%, 75%, 75%
CMY	0.1607, 0.2549, 0.2511
CMYK	0.00, 0.11, 0.11, 0.16
HSL	358°, 23%, 79%
HSV	358°, 11%, 84%
XYZ	55.5541, 54.8846, 56.9434
YIQ	197.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

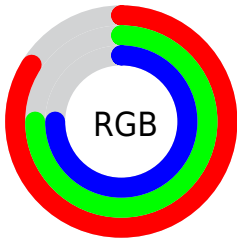
Format	Color
R _Y B	214, 190, 191
Decimal	14073535
CIE Lab	78.97, 8.68, 2.61
CIE LCh	79, 9.062, 16.766
Yxy	54.8846, 0.3319, 0.3279
Android (android.graphics.Color)	4292263615 (0xFFD6BEBF)
YUV	197.2900, -3.1010, 14.6547
Hunter-Lab	74.0841, 4.2061, 6.2867

Details

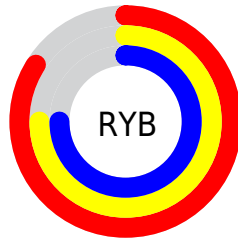
The Yxy color $54.8846, 0.3319, 0.3279$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.8634, 0.2962, 0.3301$, and the grayscale version is $56.0345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.8869, 0.3179, 0.3281$, and $27.0972, 0.3364, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $45.4452, 0.3535, 0.3269$, and if you desaturate by 10%, it is $65.8170, 0.3146, 0.3289$.

Distribution



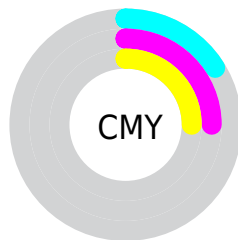
- Red (84%)
- Green (75%)
- Blue (75%)



- Red (84%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8846, 0.3319, 0.3279 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 54.8846, 0.3319, 0.3279 by changing the saturation by 10% instead.

 54.8846, 0.3319,
0.3279

 54.8846, 0.3319,
0.3279

405.4743, 0.3225,
0.3285

 39.3093, 0.3342,
0.3277


 97.3719, 0.3285,
0.3281

 27.0005, 0.3371,
0.3275


125.0526, 0.3273,
0.3282

 17.5736, 0.3408,
0.3272


157.5374, 0.3262,
0.3283

 10.6443, 0.3460,
0.3268

195.2105, 0.3253,
0.3283

 5.8282, 0.3535,
0.3261

238.4563, 0.3244,
0.3284

 2.7409, 0.3653,
0.3249

287.6593, 0.3237,

 0.9980, 0.3869,

0.3284

0.3226

343.2039, 0.3231,
0.3285

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8846, 0.3319,
0.3279

54.8846, 0.3319,
0.3279

45.4452, 0.3535,
0.3269

65.8170, 0.3146,
0.3289

37.4271, 0.3804,
0.3258

78.2955, 0.3007,
0.3298

30.7637, 0.4135,
0.3248

92.3796, 0.2896,
0.3306

25.3803, 0.4530,
0.3240

93.0412, 0.2883,
0.3289

■ 21.1948, 0.4980,
0.3237

■ 18.1156, 0.5450,
0.3239

■ 16.0380, 0.5882,
0.3250

■ 14.8372, 0.6203,
0.3268

■ 14.3204, 0.6365,
0.3280

Harmonies

Analogous

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



54.8846, 0.3223, 0.3181



54.8846, 0.3319, 0.3279



54.8846, 0.3363, 0.3382

Triad

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



54.8846, 0.3319, 0.3279



54.8846, 0.3149, 0.3478



54.8846, 0.2916, 0.3115

Complementary

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



54.8846, 0.3319, 0.3279



63.8634, 0.2962, 0.3301

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.



54.8846, 0.2897, 0.3191



54.8846, 0.3319, 0.3279



54.8846, 0.3030, 0.3403

Square

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



54.8846, 0.3319, 0.3279



54.8846, 0.3263, 0.3500



54.8846, 0.2939, 0.3297



54.8846, 0.2990, 0.3086

Rectangle

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



54.8846, 0.3319, 0.3279



54.8846, 0.3356, 0.3440



54.8846, 0.2939, 0.3297



54.8846, 0.2903, 0.3135

Sweetspot

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



54.8870, 0.3319, 0.3279



94.7522, 0.3174, 0.3287



55.8029, 0.3130, 0.3015



19.9883, 0.3187, 0.3286



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.



54.8870, 0.3319, 0.3279



78.7618, 0.3356, 0.3277



59.7048, 0.3312, 0.3416



12.4290, 0.3285, 0.3281



8.6564, 0.6353, 0.3274



0.5251, 0.6208, 0.3193

Inverse Universe

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



54.8870, 0.3319, 0.3279



78.7618, 0.3356, 0.3277



58.6177, 0.2954, 0.3161



12.4290, 0.3285, 0.3281



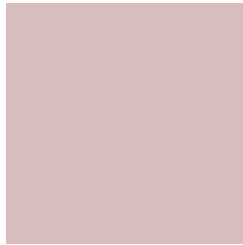
8.6564, 0.6353, 0.3274



0.5251, 0.6208, 0.3193

Previews

White Background



This preview shows how the Yxy color 54.8846, 0.3319, 0.3279 looks on a white background.

Color Contrast Check

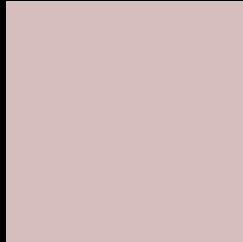
Large Text (above 18pt) WCAG AA × Fail

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 54.8846, 0.3319, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

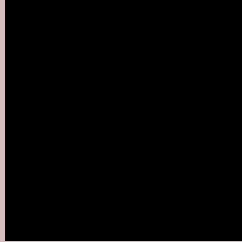
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8846, 0.3319, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 54.8846, 0.3319, 0.3279.



This preview shows how white text looks on a background with the Yxy color 54.8846, 0.3319, 0.3279.

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

54.8846, 0.3319, 0.3279

Protanopia

55.0674, 0.3167, 0.3302

Deuteranopia

54.7557, 0.3337, 0.3267



Tritanopia

54.8772, 0.3242, 0.3117

Trichromacy



Original Color

54.8846, 0.3319, 0.3279

Protanomaly

54.8276, 0.3216, 0.3290

Deuteranomaly

54.6039, 0.3328, 0.3267

Tritanomaly

54.9658, 0.3265, 0.3174

Monochromacy



Original Color

54.8846, 0.3319, 0.3279

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2202, 0.3192, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8846, 0.3319, 0.3279 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(214, 190, 191)` looks like.

```
.text, #text, p{  
    color:rgb(214, 190, 191)  
}
```

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(214, 190, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 190, 191) }
```

Border

The CSS property to change the border of an element to Yxy 54.8846, 0.3319, 0.3279 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(214, 190, 191) }
```

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

```
.border{ border-color:rgb(214, 190, 191) }
```

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

Here you see how a box with a 4 pixel rgb(214, 190, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 190, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 190, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 190,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8846, 0.3319, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 190, 191) }
```

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

```
.background{ background-color: rgb(214,  
190, 191) }
```

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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