

Converting Colors

$Yxy(58.6016, 0.3341, 0.3287)$

Have a look what the booklet for
Yxy(58.6016, 0.3341, 0.3287)
contains.

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Color

Yxy(58.5453, 0.3339, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DEC3C4
RGB	222, 195, 196
RGB Percent	87%, 76%, 77%
CMY	0.1292, 0.2354, 0.2314
CMYK	0.00, 0.12, 0.12, 0.13
HSL	358°, 29%, 82%
HSV	358°, 12%, 87%
XYZ	59.6166, 58.5453, 60.3843
YIQ	203.1870, 15.7710, 6.0350

Conversions

Conversions Part 2

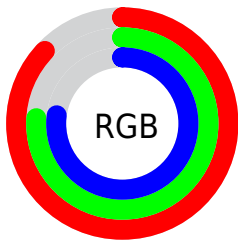
Format	Color
R _Y B	222, 195, 196
Decimal	14599108
CIE Lab	81.04, 9.72, 2.99
CIE LCh	81, 10.173, 17.118
Yxy	58.5453, 0.3339, 0.3279
Android (android.graphics.Color)	4292789188 (0xFFDEC3C4)
YUV	203.1870, -3.5432, 16.4990
Hunter-Lab	76.5149, 5.1772, 6.7697

Details

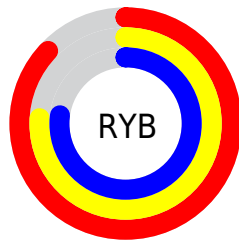
The Yxy color **58.5453, 0.3339, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0966, 0.2948, 0.3301**, and the grayscale version is **59.8649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9727, 0.3140, 0.3281**, and **29.2182, 0.3402, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **48.4220, 0.3561, 0.3269**, and if you desaturate by 10%, it is **70.2921, 0.3161, 0.3288**.

Distribution



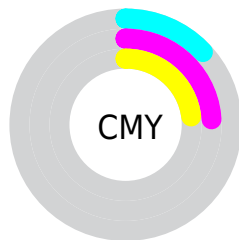
- Red (87%)
- Green (76%)
- Blue (77%)



- Red (87%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5453, 0.3339, 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 58.5453, 0.3339, 0.3279 by changing the saturation by 10% instead.


 58.5453, 0.3339,
0.3279

 58.5453, 0.3339,
0.3279

419.2148, 0.3237,
0.3285

 42.2472, 0.3364,
0.3277


 102.7165, 0.3303,
0.3281

 29.2949, 0.3394,
0.3275


131.3584, 0.3289,
0.3282

 19.3040, 0.3435,
0.3272


164.8837, 0.3277,
0.3283

 11.8902, 0.3489,
0.3268

203.6768, 0.3267,
0.3283

 6.6689, 0.3567,
0.3261

248.1220, 0.3258,
0.3284

 3.2559, 0.3688,
0.3249

298.6038, 0.3250,

 1.2668, 0.3898,

0.3284

355.5066, 0.3243,
0.3285

0.3225

0.1152, 0.7506,
0.2494

0.0000, 0.0000,
0.0000

58.5453, 0.3339,
0.3279

58.5453, 0.3339,
0.3279

48.4220, 0.3561,
0.3269

70.2921, 0.3161,
0.3288

39.8435, 0.3838,
0.3260

83.7211, 0.3019,
0.3296

32.7362, 0.4178,
0.3251

94.2789, 0.2929,
0.3289

27.0174, 0.4582,
0.3244

■ 22.5965, 0.5038,
0.3241

■ 19.3717, 0.5509,
0.3245

■ 17.2264, 0.5932,
0.3256

■ 16.0208, 0.6236,
0.3273

■ 15.5573, 0.6369,
0.3282

Harmonies

Analogous

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



58.5453, 0.3234, 0.3171



58.5453, 0.3339, 0.3279



58.5453, 0.3387, 0.3392

Triad

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



58.5453, 0.3339, 0.3279



58.5453, 0.3149, 0.3497



58.5453, 0.2896, 0.3097

Complementary

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



58.5453, 0.3339, 0.3279



69.0966, 0.2948, 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.



58.5453, 0.2875, 0.3180



58.5453, 0.3339, 0.3279



58.5453, 0.3019, 0.3413

Square

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



58.5453, 0.3339, 0.3279



58.5453, 0.3275, 0.3521



58.5453, 0.2919, 0.3296



58.5453, 0.2978, 0.3067

Rectangle

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



58.5453, 0.3339, 0.3279



58.5453, 0.3379, 0.3456



58.5453, 0.2919, 0.3296



58.5453, 0.2881, 0.3119

Sweetspot

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



58.5479, 0.3339, 0.3279



93.0477, 0.3191, 0.3286



59.6263, 0.3131, 0.2990



19.6451, 0.3204, 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.



58.5479, 0.3339, 0.3279



75.8288, 0.3399, 0.3276



64.1855, 0.3329, 0.3428



13.7089, 0.3286, 0.3282



9.2388, 0.6359, 0.3277



0.6434, 0.6238, 0.3210

Inverse Universe

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



58.5479, 0.3339, 0.3279



75.8288, 0.3399, 0.3276



62.9089, 0.2938, 0.3148



13.7089, 0.3286, 0.3282



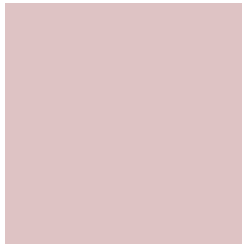
9.2388, 0.6359, 0.3277



0.6434, 0.6238, 0.3210

Previews

White Background



This preview shows how the Yxy color 58.5453, 0.3339, 0.3279 looks on a white background.

Color Contrast Check

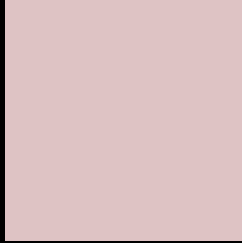
Large Text (above 18pt) WCAG AA × Fail

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 58.5453, 0.3339, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

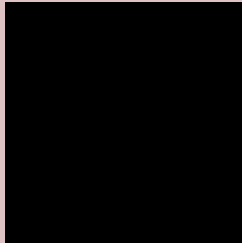
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5453, 0.3339, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 58.5453, 0.3339, 0.3279.



This preview shows how white text looks on a background with the Yxy color 58.5453, 0.3339, 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

58.5453, 0.3339, 0.3279

Protanopia

58.4112, 0.3174, 0.3302

Deuteranopia

58.7037, 0.3347, 0.3279



Tritanopia

58.5413, 0.3264, 0.3122

Trichromacy



Original Color

58.5453, 0.3339, 0.3279

Protanomaly

58.3143, 0.3230, 0.3290

Deuteranomaly

58.7037, 0.3347, 0.3279

Tritanomaly

58.6312, 0.3286, 0.3178

Monochromacy



Original Color

58.5453, 0.3339, 0.3279

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1803, 0.3206, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5453, 0.3339, 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(222, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(222, 195, 196)  
}
```

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(222, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 195, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.5453, 0.3339, 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(222, 195, 196) }
```

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

```
.border{ border-color:rgb(222, 195, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 195, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 195, 196);  
box-shadow:4px 4px 4px 4px rgb(222, 195,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5453, 0.3339, 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(222, 195, 196) }
```

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

```
.background{ background-color: rgb(222,  
195, 196) }
```

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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