

Converting Colors

$Yxy(58.8737, 0.3320, 0.3364)$

Have a look what the booklet for
Yxy(58.8737, 0.3320, 0.3364)
contains.

Yxy(58.7929, 0.3316, 0.3360)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.7929, 0.3316, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	D8C6C0
RGB	216, 198, 192
RGB Percent	85%, 78%, 75%
CMY	0.1530, 0.2235, 0.2470
CMYK	0.00, 0.08, 0.11, 0.15
HSL	15°, 23%, 80%
HSV	15°, 11%, 85%
XYZ	58.0230, 58.7929, 58.1630
YIQ	202.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

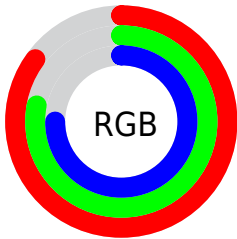
Format	Color
RYB	216, 200, 192
Decimal	14206656
CIELab	81.18, 5.29, 5.27
CIELCh	81, 7.464, 44.917
Yxy	58.7929, 0.3316, 0.3360
Android (android.graphics.Color)	4292396736 (0xFFD8C6C0)
YUV	202.6980, -5.2741, 11.6659
Hunter-Lab	76.6765, 0.8914, 8.6991

Details

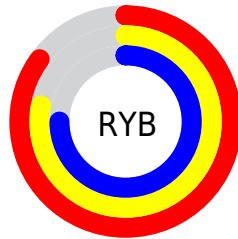
The Yxy color **58.7929, 0.3316, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2444, 0.2957, 0.3219**, and the grayscale version is **59.5496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **29.3877, 0.3361, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **50.8975, 0.3522, 0.3427**, and if you desaturate by 10%, it is **67.6249, 0.3144, 0.3297**.

Distribution



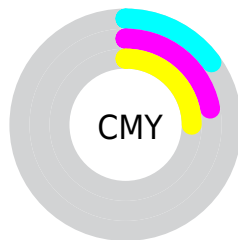
- Red (85%)
- Green (78%)
- Blue (75%)



- Red (85%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7929, 0.3316, 0.3360 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 58.7929, 0.3316, 0.3360 by changing the saturation by 10% instead.


 58.7929, 0.3316,
0.3360

 58.7929, 0.3316,
0.3360


420.1340, 0.3225,
0.3327

 42.4464, 0.3338,
0.3368


 103.0766, 0.3284,
0.3348

 29.4510, 0.3365,
0.3377

131.7826, 0.3271,
0.3344

 19.4223, 0.3401,
0.3389


165.3773, 0.3261,
0.3340

 11.9758, 0.3450,
0.3406

204.2450, 0.3252,
0.3337

 6.7272, 0.3519,
0.3428

248.7701, 0.3244,
0.3334

 3.2921, 0.3626,
0.3461

299.3371, 0.3237,

 1.2861, 0.3812,

0.3331

356.3302, 0.3230,
0.3329

0.3513

0.1304, 0.6599,
0.3401

0.0000, 0.0000,
0.0000

58.7929, 0.3316,
0.3360

58.7929, 0.3316,
0.3360

50.8975, 0.3522,
0.3427

67.6249, 0.3144,
0.3297

43.9001, 0.3767,
0.3497

77.4152, 0.3001,
0.3238

37.7708, 0.4057,
0.3566

88.0777, 0.2891,
0.3203

32.4750, 0.4392,
0.3628

93.3356, 0.2894,
0.3289

■ 27.9758, 0.4765,
0.3674

■ 24.2333, 0.5159,
0.3695

■ 21.2041, 0.5541,
0.3679

■ 18.8397, 0.5869,
0.3621

■ 17.2433, 0.6092,
0.3545

Harmonies

Analogous

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



58.7929, 0.3278, 0.3276



58.7929, 0.3316, 0.3360



58.7929, 0.3303, 0.3427

Triad

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



58.7929, 0.3316, 0.3360



58.7929, 0.3055, 0.3386



58.7929, 0.3012, 0.3126

Complementary

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



58.7929, 0.3316, 0.3360



62.2444, 0.2957, 0.3219

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.



58.7929, 0.2954, 0.3152



58.7929, 0.3316, 0.3360



58.7929, 0.2979, 0.3301

Square

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



58.7929, 0.3316, 0.3360



58.7929, 0.3151, 0.3443



58.7929, 0.2942, 0.3216



58.7929, 0.3101, 0.3143

Rectangle

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



58.7929, 0.3316, 0.3360



58.7929, 0.3267, 0.3453



58.7929, 0.2942, 0.3216



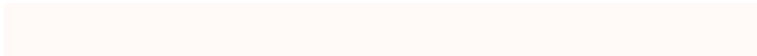
58.7929, 0.2988, 0.3130

Sweetspot

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



58.7955, 0.3316, 0.3360



95.9131, 0.3175, 0.3309



56.9508, 0.3185, 0.3085



20.3002, 0.3188, 0.3314



0.0000, 0.0000, 0.0000



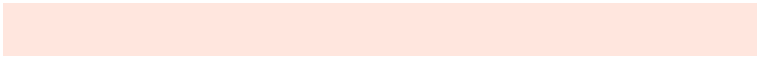
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.7955, 0.3316, 0.3360



83.2052, 0.3355, 0.3373



64.4877, 0.3300, 0.3496



12.9212, 0.3285, 0.3349



10.3541, 0.6066, 0.3565



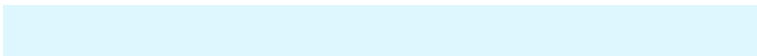
0.7573, 0.5722, 0.3838

Inverse Universe

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



62.2444, 0.2957, 0.3219



89.0618, 0.2926, 0.3205



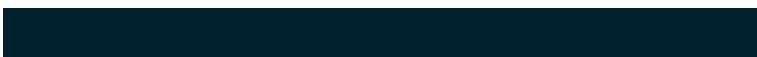
56.5526, 0.2954, 0.3075



13.5565, 0.2982, 0.3230



18.3868, 0.2018, 0.2463



1.2367, 0.2062, 0.2622

Previews

White Background



This preview shows how the Yxy color 58.7929, 0.3316, 0.3360 looks on a white background.

Color Contrast Check

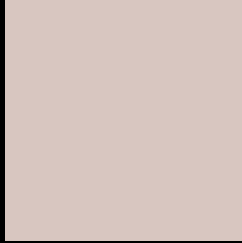
Large Text (above 18pt) WCAG AA × Fail

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 58.7929, 0.3316, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

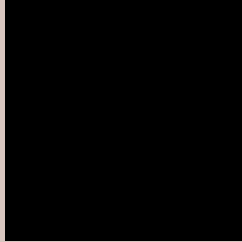
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7929, 0.3316, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 58.7929, 0.3316, 0.3360.



This preview shows how white text looks on a background with the Yxy color 58.7929, 0.3316, 0.3360.

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

58.7929, 0.3316, 0.3360

Protanopia

58.9337, 0.3225, 0.3373

Deuteranopia

58.8880, 0.3387, 0.3313



Tritanopia

58.7934, 0.3199, 0.3110

Trichromacy



Original Color

58.7929, 0.3316, 0.3360

Protanomaly

58.8604, 0.3258, 0.3372

Deuteranomaly

58.8597, 0.3360, 0.3325

Tritanomaly

58.7449, 0.3243, 0.3199

Monochromacy



Original Color

58.7929, 0.3316, 0.3360

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3067, 0.3196, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7929, 0.3316, 0.3360 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(216, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 192)  
}
```

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(216, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 192) }
```

Border

The CSS property to change the border of an element to Yxy 58.7929, 0.3316, 0.3360 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(216, 198, 192) }
```

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

```
.border{ border-color:rgb(216, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7929, 0.3316, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 192) }
```

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

```
.background{ background-color: rgb(216,  
198, 192) }
```

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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