

Converting Colors

$Yxy(58.1758, 0.3299, 0.3252)$

Have a look what the booklet for
Yxy(58.1758, 0.3299, 0.3252)
contains.

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Color

Yxy(58.1675, 0.3298, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DBC3C6
RGB	219, 195, 198
RGB Percent	86%, 76%, 78%
CMY	0.1413, 0.2352, 0.2234
CMYK	0.00, 0.11, 0.10, 0.14
HSL	352°, 25%, 81%
HSV	352°, 11%, 86%
XYZ	58.9178, 58.1675, 61.5618
YIQ	202.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

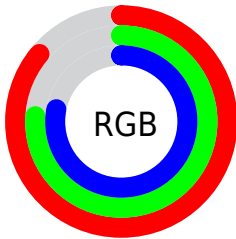
Format	Color
R _Y B	219, 195, 198
Decimal	14402502
CIE Lab	80.83, 8.95, 1.57
CIE LCh	81, 9.082, 9.970
Yxy	58.1675, 0.3298, 0.3256
Android (android.graphics.Color)	4292592582 (0xFFDBC3C6)
YUV	202.5180, -2.2274, 14.4547
Hunter-Lab	76.2676, 4.4254, 5.5296

Details

The Yxy color $58.1675, 0.3298, 0.3256$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.2096, 0.2979, 0.3324$, and the grayscale version is $59.4117, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $28.9559, 0.3348, 0.3245$ is the 20% darker color. If you saturate the color by 10%, you get $48.2370, 0.3494, 0.3223$, and if you desaturate by 10%, it is $69.6538, 0.3140, 0.3287$.

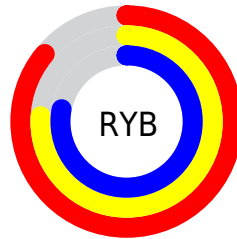
Distribution



Red (86%)

Green (76%)

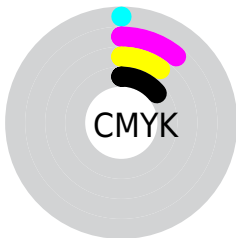
Blue (78%)



Red (86%)

Yellow (76%)

Blue (78%)

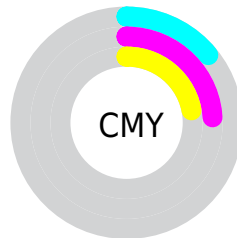


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (14%)



Cyan (14%)


Magenta (24%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1675, 0.3298, 0.3256 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 58.1675, 0.3298, 0.3256 by changing the saturation by 10% instead.


 58.1675, 0.3298,
0.3256

 58.1675, 0.3298,
0.3256


417.8098, 0.3216,
0.3273

 41.9433, 0.3318,
0.3252


 102.1667, 0.3269,
0.3262

 29.0569, 0.3343,
0.3247


130.7106, 0.3257,
0.3264

 19.1239, 0.3375,
0.3240


164.1298, 0.3248,
0.3266

 11.7598, 0.3419,
0.3230

202.8087, 0.3240,
0.3268

 6.5804, 0.3482,
0.3217

247.1318, 0.3232,
0.3269

 3.2011, 0.3579,
0.3195

297.4834, 0.3226,

 1.2376, 0.3749,

0.3271

354.2479, 0.3221,
0.3272

0.3155

0.0921, 0.7686,
0.2314

0.0000, 0.0000,
0.0000

58.1675, 0.3298,
0.3256

58.1675, 0.3298,
0.3256

48.2370, 0.3494,
0.3223

69.6538, 0.3140,
0.3287

39.7880, 0.3737,
0.3189

82.7506, 0.3013,
0.3316

32.7518, 0.4035,
0.3156

93.7962, 0.2911,
0.3289

27.0511, 0.4392,
0.3128

■ 22.6013, 0.4803,
0.3110

■ 19.3079, 0.5246,
0.3108

■ 17.0632, 0.5676,
0.3129

■ 15.7390, 0.6034,
0.3174

■ 15.1378, 0.6259,
0.3222

Harmonies

Analogous

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



58.1675, 0.3195, 0.3164



58.1675, 0.3298, 0.3256



58.1675, 0.3355, 0.3359

Triad

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



58.1675, 0.3298, 0.3256



58.1675, 0.3175, 0.3485



58.1675, 0.2910, 0.3131

Complementary

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



58.1675, 0.3298, 0.3256



67.2096, 0.2979, 0.3324

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.



58.1675, 0.2905, 0.3215



58.1675, 0.3298, 0.3256



58.1675, 0.3057, 0.3422

Square

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



58.1675, 0.3298, 0.3256



58.1675, 0.3283, 0.3493



58.1675, 0.2958, 0.3322



58.1675, 0.2972, 0.3092

Rectangle

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



58.1675, 0.3298, 0.3256



58.1675, 0.3358, 0.3420



58.1675, 0.2958, 0.3322



58.1675, 0.2902, 0.3155

Sweetspot

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



58.1701, 0.3298, 0.3256



94.7925, 0.3170, 0.3281



58.7141, 0.3115, 0.3020



19.9991, 0.3182, 0.3278



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.



58.1701, 0.3298, 0.3256



78.9148, 0.3337, 0.3249



62.0868, 0.3310, 0.3391



13.0780, 0.3272, 0.3261



8.9870, 0.6234, 0.3208



0.5912, 0.5875, 0.3010

Inverse Universe

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



58.1701, 0.3298, 0.3256



78.9148, 0.3337, 0.3249



62.9032, 0.2958, 0.3187



13.0780, 0.3272, 0.3261



8.9870, 0.6234, 0.3208



0.5912, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 58.1675, 0.3298, 0.3256 looks on a white background.

Color Contrast Check

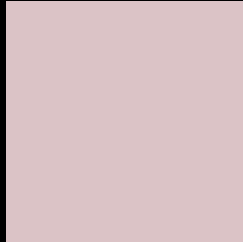
Large Text (above 18pt) WCAG AA × Fail

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 58.1675, 0.3298, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

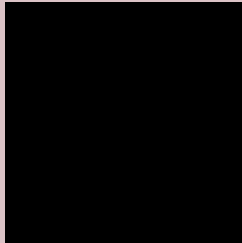
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1675, 0.3298, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 58.1675, 0.3298, 0.3256.



This preview shows how white text looks on a background with the Yxy color 58.1675, 0.3298, 0.3256.

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

58.1675, 0.3298, 0.3256

Protanopia

58.3630, 0.3151, 0.3278

Deuteranopia

58.0329, 0.3316, 0.3245



Tritanopia

57.9590, 0.3224, 0.3109

Trichromacy



Original Color

58.1675, 0.3298, 0.3256

Protanomaly

58.1136, 0.3199, 0.3267

Deuteranomaly

57.8764, 0.3308, 0.3245

Tritanomaly

58.2070, 0.3254, 0.3166

Monochromacy



Original Color

58.1675, 0.3298, 0.3256

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0809, 0.3190, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1675, 0.3298, 0.3256 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(219, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 198)  
}
```

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(219, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 58.1675, 0.3298, 0.3256 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(219, 195, 198) }
```

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

```
.border{ border-color:rgb(219, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 195, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 195, 198); box-shadow:4px 4px 4px 4px rgb(219, 195, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1675, 0.3298, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 198) }
```

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

```
.background{ background-color: rgb(219,  
195, 198) }
```

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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