

Converting Colors

$Yxy(58.3190, 0.3384, 0.3383)$

Have a look what the booklet for
Yxy(58.3190, 0.3384, 0.3383)
contains.

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Color

Yxy(58.3263, 0.3383, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	DCC4BC
RGB	220, 196, 188
RGB Percent	86%, 77%, 74%
CMY	0.1373, 0.2313, 0.2628
CMYK	0.00, 0.11, 0.15, 0.14
HSL	15°, 31%, 80%
HSV	15°, 15%, 86%
XYZ	58.3263, 58.3263, 55.7574
YIQ	202.2640, 16.8720, 2.6000

Conversions

Conversions Part 2

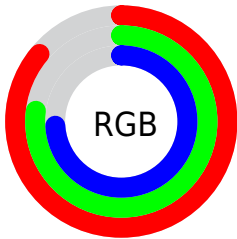
Format	Color
R _Y B	220, 199, 188
Decimal	14468284
CIE Lab	80.92, 7.13, 7.09
CIE LCh	81, 10.061, 44.840
Yxy	58.3263, 0.3383, 0.3383
Android (android.graphics.Color)	4292658364 (0xFFDCC4BC)
YUV	202.2640, -7.0322, 15.5545
Hunter-Lab	76.3717, 2.6730, 10.1737

Details

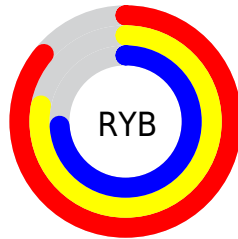
The Yxy color $58.3263, 0.3383, 0.3383$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.9228, 0.2904, 0.3195$, and the grayscale version is $59.2726, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.0422, 0.3192, 0.3377$, and $29.0946, 0.3452, 0.3397$ is the 20% darker color. If you saturate the color by 10%, you get $50.4190, 0.3602, 0.3452$, and if you desaturate by 10%, it is $67.2003, 0.3200, 0.3318$.

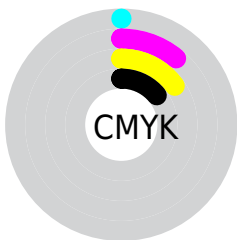
Distribution



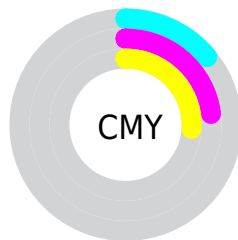
- Red (86%)
- Green (77%)
- Blue (74%)



- Red (86%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (14%)




- Cyan (14%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3263, 0.3383, 0.3383 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 58.3263, 0.3383, 0.3383 by changing the saturation by 10% instead.


 58.3263, 0.3383,
0.3383

 58.3263, 0.3383,
0.3383


418.4007, 0.3259,
0.3340

 42.0710, 0.3413,
0.3393


 102.3979, 0.3339,
0.3368

 29.1569, 0.3450,
0.3405


130.9830, 0.3322,
0.3362

 19.1996, 0.3499,
0.3421


164.4468, 0.3308,
0.3357

 11.8146, 0.3565,
0.3442

203.1737, 0.3295,
0.3353

 6.6175, 0.3660,
0.3471

247.5482, 0.3285,
0.3349

 3.2241, 0.3807,
0.3511

297.9546, 0.3275,

 1.2498, 0.4070,

0.3345

0.3580

354.7773, 0.3267,
0.3342

0.1018, 0.7268,
0.2732

0.0000, 0.0000,
0.0000

58.3263, 0.3383,
0.3383

58.3263, 0.3383,
0.3383

50.4190, 0.3602,
0.3452

67.2003, 0.3200,
0.3318

43.4378, 0.3863,
0.3522

77.0643, 0.3047,
0.3258

37.3505, 0.4169,
0.3589

87.9508, 0.2920,
0.3202

32.1203, 0.4519,
0.3647

93.9520, 0.2917,
0.3289

■ 27.7076, 0.4903,
0.3686

■ 24.0695, 0.5297,
0.3695

■ 21.1590, 0.5665,
0.3664

■ 18.9232, 0.5963,
0.3592

■ 17.9593, 0.6094,
0.3544

Harmonies

Analogous

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



58.3263, 0.3331, 0.3270



58.3263, 0.3383, 0.3383



58.3263, 0.3365, 0.3474

Triad

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



58.3263, 0.3383, 0.3383



58.3263, 0.3029, 0.3420



58.3263, 0.2971, 0.3069

Complementary

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



58.3263, 0.3383, 0.3383



62.9228, 0.2904, 0.3195

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.



58.3263, 0.2894, 0.3103



58.3263, 0.3383, 0.3383



58.3263, 0.2927, 0.3305

Square

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



58.3263, 0.3383, 0.3383



58.3263, 0.3159, 0.3499



58.3263, 0.2878, 0.3189



58.3263, 0.3091, 0.3092

Rectangle

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



58.3263, 0.3383, 0.3383



58.3263, 0.3316, 0.3510



58.3263, 0.2878, 0.3189



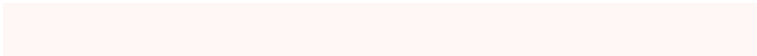
58.3263, 0.2940, 0.3074

Sweetspot

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



58.3289, 0.3383, 0.3383



94.5808, 0.3191, 0.3315



55.9290, 0.3205, 0.3019



20.0315, 0.3204, 0.3320



0.0000, 0.0000, 0.0000



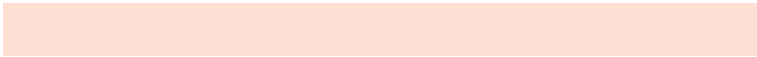
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3289, 0.3383, 0.3383



78.5147, 0.3436, 0.3401



65.9204, 0.3357, 0.3562



13.5794, 0.3285, 0.3349



10.6926, 0.6068, 0.3564



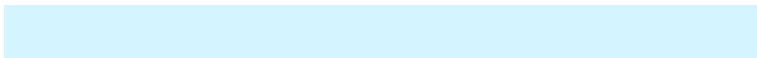
0.8297, 0.5745, 0.3820

Inverse Universe

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



62.9228, 0.2904, 0.3195



85.9451, 0.2864, 0.3177



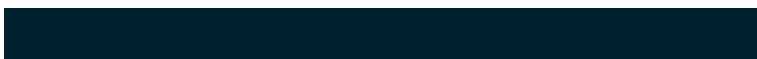
55.3325, 0.2897, 0.3003



14.2478, 0.2982, 0.3230



18.9773, 0.2017, 0.2461



1.3630, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 58.3263, 0.3383, 0.3383 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 58.3263, 0.3383, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

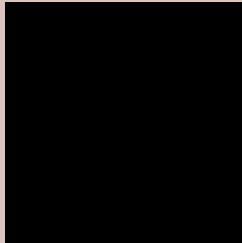
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3263, 0.3383, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 58.3263, 0.3383, 0.3383.

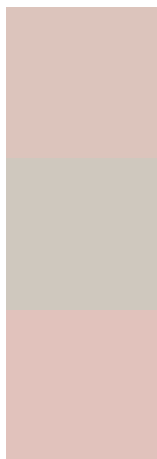


This preview shows how white text looks on a background with the Yxy color 58.3263, 0.3383, 0.3383.

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

58.3263, 0.3383, 0.3383

Protanopia

58.2917, 0.3256, 0.3409

Deuteranopia

58.2220, 0.3428, 0.3359



Tritanopia

58.3820, 0.3256, 0.3122

Trichromacy



Original Color

58.3263, 0.3383, 0.3383

Protanomaly

58.5180, 0.3305, 0.3408

Deuteranomaly

58.3490, 0.3410, 0.3371

Tritanomaly

58.3302, 0.3301, 0.3211

Monochromacy



Original Color

58.3263, 0.3383, 0.3383

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8951, 0.3220, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3263, 0.3383, 0.3383 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(220, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 188)  
}
```

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(220, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 188) }
```

Border

The CSS property to change the border of an element to Yxy 58.3263, 0.3383, 0.3383 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(220, 196, 188) }
```

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

```
.border{ border-color:rgb(220, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 196, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 196, 188); box-shadow:4px 4px 4px 4px rgb(220, 196, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3263, 0.3383, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 196, 188) }
```

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

```
.background{ background-color: rgb(220,  
196, 188) }
```

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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