

Converting Colors

Yxy(58.3140, 0.3199, 0.3038)

Have a look what the booklet for
Yxy(58.3140, 0.3199, 0.3038)
contains.

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Color

Yxy(58.1352, 0.3195, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	DEC0D7
RGB	222, 192, 215
RGB Percent	87%, 75%, 84%
CMY	0.1294, 0.2470, 0.1568
CMYK	0.00, 0.14, 0.03, 0.13
HSL	314°, 31%, 81%
HSV	314°, 14%, 87%
XYZ	61.2403, 58.1352, 72.3000
YIQ	203.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

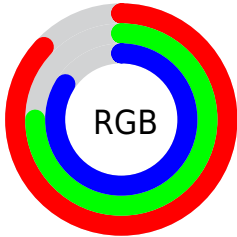
Format	Color
R_{YB}	222, 192, 215
Decimal	14598359
CIE _{Lab}	80.81, 14.55, -7.56
CIE _{LCh}	81, 16.400, 332.536
Yxy	58.1352, 0.3195, 0.3033
Android (android.graphics.Color)	4292788439 (0xFFDEC0D7)
YUV	203.5920, 5.6241, 16.1438
Hunter-Lab	76.2464, 9.9381, -2.8487

Details

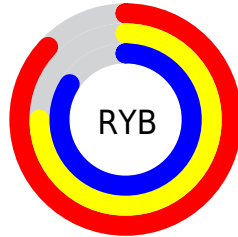
The Yxy color **58.1352, 0.3195, 0.3033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5685, 0.3066, 0.3561**, and the grayscale version is **60.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **28.9305, 0.3218, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **48.8518, 0.3255, 0.2835**, and if you desaturate by 10%, it is **68.9023, 0.3143, 0.3225**.

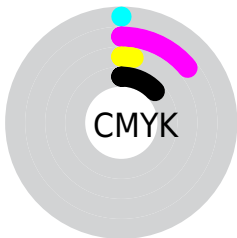
Distribution



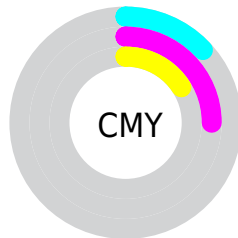
- Red (87%)
- Green (75%)
- Blue (84%)



- Red (87%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1352, 0.3195, 0.3033 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 58.1352, 0.3195, 0.3033 by changing the saturation by 10% instead.

 58.1352, 0.3195,
0.3033

 58.1352, 0.3195,
0.3033


417.6895, 0.3164,
0.3154

 41.9174, 0.3202,
0.3005

 102.1197, 0.3184,
0.3076

 29.0366, 0.3211,
0.2969


130.6552, 0.3180,
0.3092

 19.1085, 0.3222,
0.2924


164.0653, 0.3176,
0.3106

 11.7487, 0.3237,
0.2864

202.7345, 0.3173,
0.3118

 6.5728, 0.3257,
0.2781

247.0471, 0.3170,
0.3129

 3.1964, 0.3286,
0.2657

297.3875, 0.3168,

 1.2351, 0.3331,

0.3138

0.2456

354.1402, 0.3166,
0.3147

0.0901, 0.3808,
0.0778

0.0000, 0.0000,
0.0000

58.1352, 0.3195,
0.3033

58.1352, 0.3195,
0.3033

48.8518, 0.3255,
0.2835

68.9023, 0.3143,
0.3225

40.9789, 0.3323,
0.2637

81.2072, 0.3099,
0.3407

34.4483, 0.3400,
0.2446

92.7899, 0.3063,
0.3542

29.1832, 0.3484,
0.2271

93.0848, 0.3034,
0.3488

■ 25.0991, 0.3575,
0.2122

■ 93.3884, 0.3006,
0.3434

■ 22.1009, 0.3668,
0.2010

■ 93.7008, 0.2978,
0.3381

■ 20.0790, 0.3762,
0.1942

■ 94.0219, 0.2950,
0.3329

■ 18.9005, 0.3853,
0.1921

■ 94.2686, 0.2929,
0.3289

■ 18.4465, 0.3910,
0.1928

Harmonies

Analogous

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



58.1352, 0.2981, 0.2946



58.1352, 0.3195, 0.3033



58.1352, 0.3396, 0.3183

Triad

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



58.1352, 0.3195, 0.3033



58.1352, 0.3446, 0.3644



58.1352, 0.2745, 0.3195

Complementary

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



58.1352, 0.3195, 0.3033



67.5685, 0.3066, 0.3561

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.



58.1352, 0.2861, 0.3394



58.1352, 0.3195, 0.3033



58.1352, 0.3264, 0.3661

Square

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



58.1352, 0.3195, 0.3033



58.1352, 0.3543, 0.3532



58.1352, 0.3050, 0.3569



58.1352, 0.2727, 0.3031

Rectangle

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



58.1352, 0.3195, 0.3033



58.1352, 0.3493, 0.3302



58.1352, 0.3050, 0.3569



58.1352, 0.2773, 0.3260

Sweetspot

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



58.1377, 0.3195, 0.3033



93.5122, 0.3146, 0.3215



55.0493, 0.2961, 0.2939



19.7625, 0.3150, 0.3201



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.



58.1377, 0.3195, 0.3033



76.0788, 0.3210, 0.2982



57.4238, 0.3307, 0.3194



13.8783, 0.3173, 0.3112



10.9755, 0.3898, 0.1921



0.7742, 0.3770, 0.1850

Inverse Universe

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



58.1377, 0.3195, 0.3033



76.0788, 0.3210, 0.2982



68.2756, 0.2974, 0.3388



13.8783, 0.3173, 0.3112



10.9755, 0.3898, 0.1921



0.7742, 0.3770, 0.1850

Previews

White Background



This preview shows how the Yxy color 58.1352, 0.3195, 0.3033 looks on a white background.

Color Contrast Check

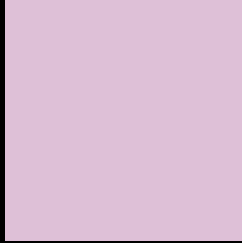
Large Text (above 18pt) WCAG AA × Fail

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 58.1352, 0.3195, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

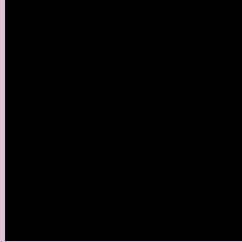
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1352, 0.3195, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 58.1352, 0.3195, 0.3033.



This preview shows how white text looks on a background with the Yxy color 58.1352, 0.3195, 0.3033.

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

58.1352, 0.3195, 0.3033

Protanopia

58.1563, 0.2979, 0.3045

Deuteranopia

58.1814, 0.3137, 0.3074



Tritanopia

58.0661, 0.3240, 0.3121

Trichromacy



Original Color

58.1352, 0.3195, 0.3033

Protanomaly

57.8072, 0.3054, 0.3037

Deuteranomaly

58.1903, 0.3162, 0.3064

Tritanomaly

58.2152, 0.3217, 0.3088

Monochromacy



Original Color

58.1352, 0.3195, 0.3033

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7115, 0.3155, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1352, 0.3195, 0.3033 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, 192, 215)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 215)  
}
```

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, 192, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 215) }
```

Border

The CSS property to change the border of an element to Yxy 58.1352, 0.3195, 0.3033 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, 192, 215) }
```

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

```
.border{ border-color:rgb(222, 192, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 215);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1352, 0.3195, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 215) }
```

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

```
.background{ background-color: rgb(222,  
192, 215) }
```

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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