

Converting Colors

Yxy(58.4711, 0.3298, 0.3225)

Have a look what the booklet for
Yxy(58.4711, 0.3298, 0.3225)
contains.

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Color

Yxy(58.5725, 0.3299, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	DDC3C8
RGB	221, 195, 200
RGB Percent	87%, 76%, 78%
CMY	0.1335, 0.2352, 0.2157
CMYK	0.00, 0.12, 0.09, 0.13
HSL	349°, 28%, 82%
HSV	349°, 12%, 87%
XYZ	59.7497, 58.5725, 62.7925
YIQ	203.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

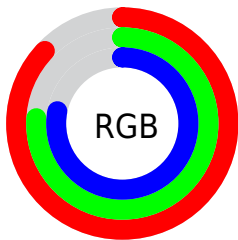
Format	Color
R _Y B	221, 195, 200
Decimal	14533576
CIE Lab	81.06, 9.98, 0.86
CIE LCh	81, 10.013, 4.951
Yxy	58.5725, 0.3299, 0.3234
Android (android.graphics.Color)	4292723656 (0xFFDDC3C8)
YUV	203.3440, -1.6486, 15.4843
Hunter-Lab	76.5327, 5.4244, 4.9274

Details

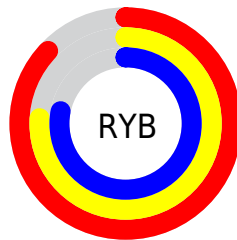
The Yxy color **58.5725, 0.3299, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2563, 0.2979, 0.3347**, and the grayscale version is **59.9513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **29.2321, 0.3349, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **48.6067, 0.3483, 0.3183**, and if you desaturate by 10%, it is **70.1063, 0.3150, 0.3282**.

Distribution



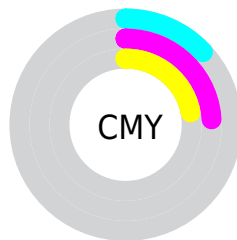
- Red (87%)
- Green (76%)
- Blue (78%)



- Red (87%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5725, 0.3299, 0.3234 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 58.5725, 0.3299, 0.3234 by changing the saturation by 10% instead.


 58.5725, 0.3299,
0.3234

 58.5725, 0.3299,
0.3234


419.3158, 0.3216,
0.3261

 42.2691, 0.3319,
0.3227


 102.7561, 0.3270,
0.3244

 29.3120, 0.3344,
0.3219


131.4050, 0.3258,
0.3247

 19.3170, 0.3376,
0.3208


164.9379, 0.3249,
0.3251

 11.8996, 0.3420,
0.3194

203.7392, 0.3240,
0.3253

 6.6753, 0.3482,
0.3172

248.1933, 0.3233,
0.3256

 3.2599, 0.3579,
0.3140

298.6844, 0.3227,

 1.2689, 0.3747,

0.3258

0.3081

355.5972, 0.3221,
0.3260

0.1169, 0.6587,
0.2171

0.0000, 0.0000,
0.0000

58.5725, 0.3299,
0.3234

58.5725, 0.3299,
0.3234

48.6067, 0.3483,
0.3183

70.1063, 0.3150,
0.3282

40.1338, 0.3711,
0.3131

83.2636, 0.3030,
0.3326

33.0838, 0.3989,
0.3080

94.0155, 0.2930,
0.3304

27.3783, 0.4320,
0.3036

94.1065, 0.2923,
0.3289

■ 22.9313, 0.4702,
0.3006

■ 19.6468, 0.5117,
0.2999

■ 17.4146, 0.5530,
0.3024

■ 16.1034, 0.5890,
0.3083

■ 15.5360, 0.6121,
0.3145

Harmonies

Analogous

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



58.5725, 0.3180, 0.3137



58.5725, 0.3299, 0.3234



58.5725, 0.3372, 0.3347

Triad

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



58.5725, 0.3299, 0.3234



58.5725, 0.3202, 0.3511



58.5725, 0.2883, 0.3127

Complementary

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



58.5725, 0.3299, 0.3234



68.2563, 0.2979, 0.3347

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.



58.5725, 0.2889, 0.3225



58.5725, 0.3299, 0.3234



58.5725, 0.3071, 0.3451

Square

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



58.5725, 0.3299, 0.3234



58.5725, 0.3314, 0.3509



58.5725, 0.2957, 0.3345



58.5725, 0.2941, 0.3075

Rectangle

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



58.5725, 0.3299, 0.3234



58.5725, 0.3383, 0.3417



58.5725, 0.2957, 0.3345



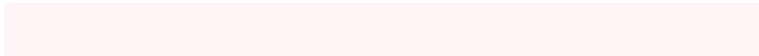
58.5725, 0.2878, 0.3156

Sweetspot

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



58.5751, 0.3299, 0.3234



93.1441, 0.3181, 0.3271



58.8222, 0.3100, 0.2999



19.6694, 0.3192, 0.3268



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.



58.5751, 0.3299, 0.3234



77.5783, 0.3339, 0.3222



61.9264, 0.3327, 0.3379



13.0921, 0.3262, 0.3245



9.0409, 0.6087, 0.3127



0.5978, 0.5642, 0.2882

Inverse Universe

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



58.5751, 0.3299, 0.3234



77.5783, 0.3339, 0.3222



64.5027, 0.2946, 0.3200



13.0921, 0.3262, 0.3245



9.0409, 0.6087, 0.3127



0.5978, 0.5642, 0.2882

Previews

White Background



This preview shows how the Yxy color 58.5725, 0.3299, 0.3234 looks on a white background.

Color Contrast Check

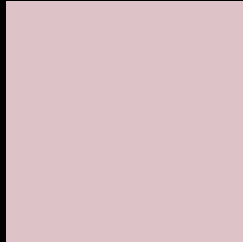
Large Text (above 18pt) WCAG AA × Fail

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 58.5725, 0.3299, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

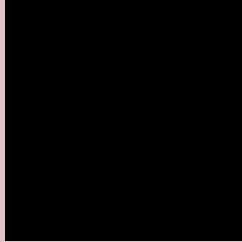
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5725, 0.3299, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 58.5725, 0.3299, 0.3234.



This preview shows how white text looks on a background with the Yxy color 58.5725, 0.3299, 0.3234.

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

58.5725, 0.3299, 0.3234

Protanopia

58.4577, 0.3137, 0.3255

Deuteranopia

58.5725, 0.3299, 0.3234



Tritanopia

58.7166, 0.3239, 0.3122

Trichromacy



Original Color

58.5725, 0.3299, 0.3234

Protanomaly

58.3541, 0.3192, 0.3244

Deuteranomaly

58.5725, 0.3299, 0.3234

Tritanomaly

58.5694, 0.3262, 0.3155

Monochromacy



Original Color

58.5725, 0.3299, 0.3234

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2745, 0.3191, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5725, 0.3299, 0.3234 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(221, 195, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 195, 200)  
}
```

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(221, 195, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 195, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.5725, 0.3299, 0.3234 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(221, 195, 200) }
```

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

```
.border{ border-color:rgb(221, 195, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 195, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 195, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 195, 200);  
box-shadow:4px 4px 4px 4px rgb(221, 195,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5725, 0.3299, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 195, 200) }
```

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

```
.background{ background-color: rgb(221,  
195, 200) }
```

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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