

Converting Colors

$Y_{xy}(59.8679, 0.3324, 0.3393)$

Have a look what the booklet for
Yxy(59.8679, 0.3324, 0.3393)
contains.

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Color

Yxy(59.8219, 0.3329, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	D9C8BF
RGB	217, 200, 191
RGB Percent	85%, 78%, 75%
CMY	0.1490, 0.2157, 0.2509
CMYK	0.00, 0.08, 0.12, 0.15
HSL	21°, 25%, 80%
HSV	21°, 12%, 85%
XYZ	58.6762, 59.8219, 57.7597
YIQ	204.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

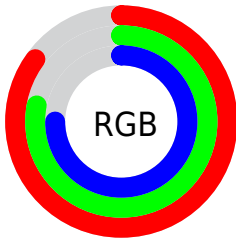
Format	Color
R _Y B	217, 205, 191
Decimal	14272703
CIE Lab	81.74, 4.44, 6.62
CIE LCh	82, 7.970, 56.132
Yxy	59.8219, 0.3329, 0.3394
Android (android.graphics.Color)	4292462783 (0xFFD9C8BF)
YUV	204.0570, -6.4371, 11.3510
Hunter-Lab	77.3446, 0.0630, 9.8644

Details

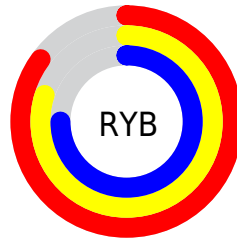
The Yxy color **59.8219, 0.3329, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2153, 0.2943, 0.3184**, and the grayscale version is **60.4593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **30.0741, 0.3378, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **52.6625, 0.3531, 0.3487**, and if you desaturate by 10%, it is **67.7394, 0.3158, 0.3307**.

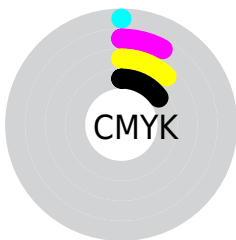
Distribution



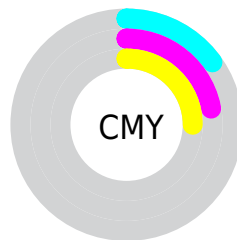
- Red (85%)
- Green (78%)
- Blue (75%)



- Red (85%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (15%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8219, 0.3329, 0.3394 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 59.8219, 0.3329, 0.3394 by changing the saturation by 10% instead.


 59.8219, 0.3329,
0.3394

 59.8219, 0.3329,
0.3394


423.9410, 0.3232,
0.3345

 43.2751, 0.3352,
0.3405


 104.5713, 0.3295,
0.3377

 30.1010, 0.3381,
0.3420

133.5426, 0.3281,
0.3370

 19.9153, 0.3419,
0.3438

167.4243, 0.3270,
0.3364

 12.3335, 0.3470,
0.3463

206.6006, 0.3260,
0.3359

 6.9712, 0.3543,
0.3496

251.4561, 0.3252,
0.3355

 3.4441, 0.3654,
0.3546

302.3750, 0.3244,

 1.3677, 0.3846,

0.3351

0.3627

359.7419, 0.3238,
0.3348

0.1928, 0.6021,
0.3979

0.0000, 0.0000,
0.0000

59.8219, 0.3329,
0.3394

59.8219, 0.3329,
0.3394

52.6625, 0.3531,
0.3487

67.7394, 0.3158,
0.3307

46.2303, 0.3766,
0.3582

76.4286, 0.3012,
0.3225

40.5042, 0.4039,
0.3676

85.8403, 0.2895,
0.3162

35.4587, 0.4346,
0.3761

93.4921, 0.2900,
0.3289

■ 31.0670, 0.4683,
0.3828

■ 27.3000, 0.5034,
0.3864

■ 24.1262, 0.5372,
0.3858

■ 21.5105, 0.5668,
0.3801

■ 19.7810, 0.5864,
0.3726

Harmonies

Analogous

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



59.8219, 0.3308, 0.3309



59.8219, 0.3329, 0.3394



59.8219, 0.3295, 0.3453

Triad

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



59.8219, 0.3329, 0.3394



59.8219, 0.3016, 0.3360



59.8219, 0.3038, 0.3117

Complementary

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



59.8219, 0.3329, 0.3394



61.2153, 0.2943, 0.3184

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.



59.8219, 0.2961, 0.3128



59.8219, 0.3329, 0.3394



59.8219, 0.2949, 0.3267

Square

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



59.8219, 0.3329, 0.3394



59.8219, 0.3113, 0.3435



59.8219, 0.2930, 0.3182



59.8219, 0.3139, 0.3151

Rectangle

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



59.8219, 0.3329, 0.3394



59.8219, 0.3246, 0.3469



59.8219, 0.2930, 0.3182



59.8219, 0.3008, 0.3116

Sweetspot

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



59.8245, 0.3329, 0.3394



95.1747, 0.3191, 0.3324



56.5969, 0.3206, 0.3093



20.1814, 0.3203, 0.3331



0.0000, 0.0000, 0.0000



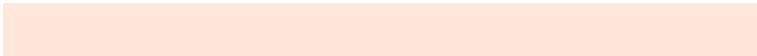
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8245, 0.3329, 0.3394



83.8980, 0.3370, 0.3414



65.9393, 0.3311, 0.3536



13.7835, 0.3283, 0.3371



12.1523, 0.5838, 0.3747



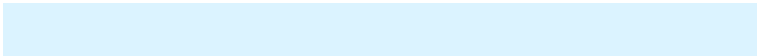
0.9449, 0.5522, 0.3997

Inverse Universe

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



61.2153, 0.2943, 0.3184



86.2277, 0.2909, 0.3163



55.2803, 0.2940, 0.3031



14.0327, 0.2982, 0.3207



14.9523, 0.1923, 0.2124



1.1271, 0.1982, 0.2336

Previews

White Background



This preview shows how the Yxy color 59.8219, 0.3329, 0.3394 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 59.8219, 0.3329, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

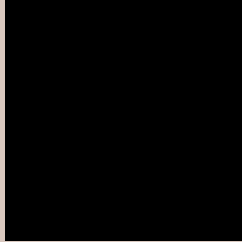
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8219, 0.3329, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 59.8219, 0.3329, 0.3394.



This preview shows how white text looks on a background with the Yxy color 59.8219, 0.3329, 0.3394.

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

59.8219, 0.3329, 0.3394

Protanopia

59.6021, 0.3255, 0.3408

Deuteranopia

59.6165, 0.3410, 0.3336



Tritanopia

59.9016, 0.3198, 0.3122

Trichromacy



Original Color

59.8219, 0.3329, 0.3394

Protanomaly

59.5761, 0.3280, 0.3395

Deuteranomaly

59.4263, 0.3375, 0.3348

Tritanomaly

59.8079, 0.3249, 0.3222

Monochromacy



Original Color

59.8219, 0.3329, 0.3394

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3907, 0.3202, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8219, 0.3329, 0.3394 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(217, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 191)  
}
```

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(217, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 191) }
```

Border

The CSS property to change the border of an element to Yxy 59.8219, 0.3329, 0.3394 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(217, 200, 191) }
```

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

```
.border{ border-color:rgb(217, 200, 191) }
```

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

Here you see how a box with a 4 pixel rgb(217, 200, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8219, 0.3329, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 200, 191) }
```

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

```
.background{ background-color: rgb(217,  
200, 191) }
```

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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