

Converting Colors

Yxy(59.9366, 0.3234, 0.3517)

Have a look what the booklet for
Yxy(59.9366, 0.3234, 0.3517)
contains.

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Color

Yxy(59.7644, 0.3240, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	CACDBA
RGB	202, 205, 186
RGB Percent	79%, 80%, 73%
CMY	0.2080, 0.1960, 0.2707
CMYK	0.01, 0.00, 0.09, 0.20
HSL	70°, 16%, 77%
HSV	70°, 9%, 80%
XYZ	55.0417, 59.7644, 55.0757
YIQ	201.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

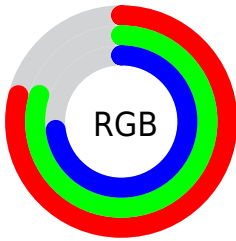
Format	Color
RYB	186, 205, 189
Decimal	13290938
CIELab	81.71, -4.40, 9.11
CIELCh	82, 10.119, 115.786
Yxy	59.7644, 0.3240, 0.3518
Android (android.graphics.Color)	4291481018 (0xFFCACDBA)
YUV	201.9370, -7.8569, 0.0553
Hunter-Lab	77.3074, -8.1988, 11.8756

Details

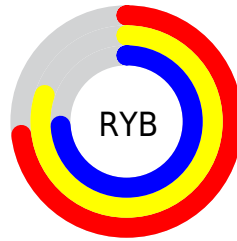
The Yxy color **59.7644, 0.3240, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3401, 0.3008, 0.3055**, and the grayscale version is **59.0666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **30.1226, 0.3268, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **58.5028, 0.3363, 0.3774**, and if you desaturate by 10%, it is **61.1661, 0.3119, 0.3273**.

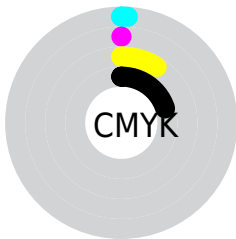
Distribution



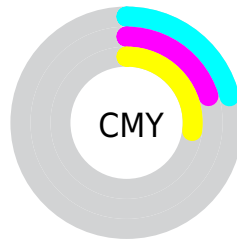
- Red (79%)
- Green (80%)
- Blue (73%)



- Red (73%)
- Yellow (80%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)




- Cyan (21%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7644, 0.3240, 0.3518 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 59.7644, 0.3240, 0.3518 by changing the saturation by 10% instead.


 59.7644, 0.3240,
0.3518

 59.7644, 0.3240,
0.3518

423.7288, 0.3186,
0.3408

 43.2288, 0.3253,
0.3544


 104.4878, 0.3221,
0.3479

 30.0646, 0.3268,
0.3578


133.4444, 0.3214,
0.3464

 19.8877, 0.3289,
0.3621


167.3101, 0.3208,
0.3451

 12.3134, 0.3316,
0.3680

206.4693, 0.3202,
0.3440

 6.9575, 0.3353,
0.3765

251.3063, 0.3198,
0.3430

 3.4355, 0.3409,
0.3895

302.2057, 0.3193,

 1.3631, 0.3513,

0.3422

0.4137

359.5517, 0.3190,
0.3414

0.1893, 0.2768,
0.7232

0.0000, 0.0000,
0.0000

59.7644, 0.3240,
0.3518

59.7644, 0.3240,
0.3518

58.5028, 0.3363,
0.3774

61.1661, 0.3119,
0.3273

57.3681, 0.3486,
0.4036

62.7051, 0.3002,
0.3043

56.3573, 0.3602,
0.4294

64.3888, 0.2892,
0.2830

55.4640, 0.3706,
0.4541

65.3570, 0.2868,
0.2758

■ 54.6815, 0.3794,
0.4765

■ 65.8605, 0.2890,
0.2762

■ 54.0022, 0.3861,
0.4955

■ 66.3740, 0.2913,
0.2765

■ 53.4177, 0.3902,
0.5105

■ 66.8977, 0.2936,
0.2769

■ 52.9178, 0.3918,
0.5209

■ 67.4315, 0.2959,
0.2772

■ 52.4854, 0.3911,
0.5273

■ 67.9757, 0.2982,
0.2776

Harmonies

Analogous

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



59.7644, 0.3341, 0.3496



59.7644, 0.3240, 0.3518



59.7644, 0.3111, 0.3476

Triad

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



59.7644, 0.3240, 0.3518



59.7644, 0.2877, 0.3153



59.7644, 0.3267, 0.3201

Complementary

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



59.7644, 0.3240, 0.3518



50.3401, 0.3008, 0.3055

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.



59.7644, 0.3140, 0.3114



59.7644, 0.3240, 0.3518



59.7644, 0.2916, 0.3085

Square

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



59.7644, 0.3240, 0.3518



59.7644, 0.2903, 0.3261



59.7644, 0.3012, 0.3071



59.7644, 0.3357, 0.3312

Rectangle

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



59.7644, 0.3240, 0.3518



59.7644, 0.3026, 0.3417



59.7644, 0.3012, 0.3071



59.7644, 0.3227, 0.3168

Sweetspot

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



59.7670, 0.3240, 0.3518



99.2849, 0.3164, 0.3363



52.8496, 0.3284, 0.3325



21.2109, 0.3174, 0.3383



0.0000, 0.0000, 0.0000



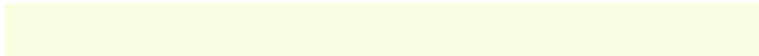
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7670, 0.3240, 0.3518



97.4796, 0.3263, 0.3565



58.5061, 0.3167, 0.3523



13.0020, 0.3241, 0.3521



32.6837, 0.3915, 0.5274



1.7111, 0.3973, 0.5228

Inverse Universe

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



50.3401, 0.3008, 0.3055



79.1949, 0.2983, 0.3005



51.5710, 0.3083, 0.3060



10.9290, 0.3007, 0.3052



2.9716, 0.1573, 0.0640



0.1812, 0.1737, 0.0731

Previews

White Background



This preview shows how the Yxy color 59.7644, 0.3240, 0.3518 looks on a white background.

Color Contrast Check

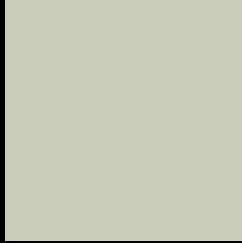
Large Text (above 18pt) WCAG AA × Fail

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 59.7644, 0.3240, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

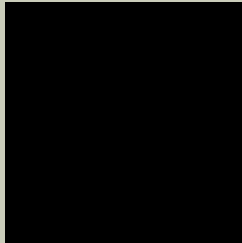
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

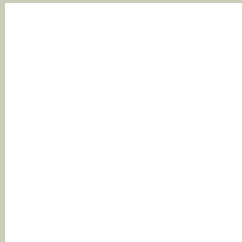
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7644, 0.3240, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 59.7644, 0.3240, 0.3518.



This preview shows how white text looks on a background with the Yxy color 59.7644, 0.3240, 0.3518.

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

59.7644, 0.3240, 0.3518

Protanopia

59.5927, 0.3323, 0.3490

Deuteranopia

59.6047, 0.3449, 0.3381



Tritanopia

59.8530, 0.3059, 0.3117

Trichromacy



Original Color

59.7644, 0.3240, 0.3518

Protanomaly

59.6246, 0.3298, 0.3503

Deuteranomaly

59.4948, 0.3378, 0.3429

Tritanomaly

59.6280, 0.3129, 0.3255

Monochromacy



Original Color

59.7644, 0.3240, 0.3518

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2540, 0.3170, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7644, 0.3240, 0.3518 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(202, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 186)  
}
```

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(202, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 186) }
```

Border

The CSS property to change the border of an element to Yxy 59.7644, 0.3240, 0.3518 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(202, 205, 186) }
```

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

```
.border{ border-color:rgb(202, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7644, 0.3240, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 186) }
```

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

```
.background{ background-color: rgb(202,  
205, 186) }
```

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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