

Converting Colors

Yxy(59.4357, 0.3378, 0.3507)

Have a look what the booklet for
Yxy(59.4357, 0.3378, 0.3507)
contains.

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Color

Yxy(59.5978, 0.3380, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	D7C9B6
RGB	215, 201, 182
RGB Percent	84%, 79%, 71%
CMY	0.1568, 0.2118, 0.2862
CMYK	0.00, 0.07, 0.15, 0.16
HSL	35°, 29%, 78%
HSV	35°, 15%, 84%
XYZ	57.3578, 59.5978, 52.7420
YIQ	203.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

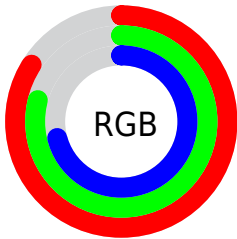
Format	Color
R _Y B	206, 215, 182
Decimal	14141878
CIE Lab	81.62, 1.76, 11.24
CIE LCh	82, 11.374, 81.123
Yxy	59.5978, 0.3380, 0.3512
Android (android.graphics.Color)	4292331958 (0xFFD7C9B6)
YUV	203.0200, -10.3629, 10.5065
Hunter-Lab	77.1996, -2.4773, 13.5334

Details

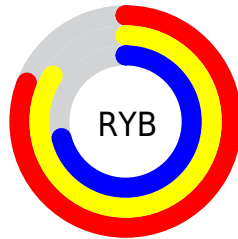
The Yxy color **59.5978, 0.3380, 0.3512** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3437, 0.2887, 0.3058**, and the grayscale version is **59.7964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **29.9260, 0.3446, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **54.6479, 0.3570, 0.3665**, and if you desaturate by 10%, it is **64.9425, 0.3210, 0.3365**.

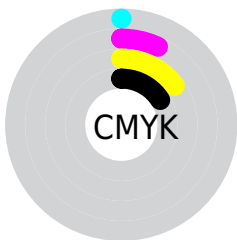
Distribution



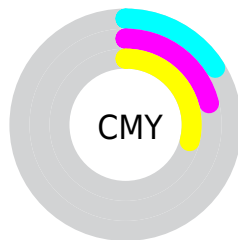
- Red (84%)
- Green (79%)
- Blue (71%)



- Red (81%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5978, 0.3380, 0.3512 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 59.5978, 0.3380, 0.3512 by changing the saturation by 10% instead.


 59.5978, 0.3380,
0.3512

 59.5978, 0.3380,
0.3512

423.1137, 0.3259,
0.3406

 43.0945, 0.3409,
0.3537


 104.2460, 0.3337,
0.3475

 29.9593, 0.3445,
0.3568


133.1597, 0.3320,
0.3460

 19.8077, 0.3492,
0.3609


166.9791, 0.3306,
0.3448

 12.2553, 0.3556,
0.3663

206.0884, 0.3294,
0.3437

 6.9178, 0.3645,
0.3738

250.8721, 0.3284,
0.3428

 3.4108, 0.3780,
0.3851

301.7147, 0.3274,

 1.3498, 0.4056,

0.3420

0.4084

359.0004, 0.3266,
0.3413

0.1792, 0.5433,
0.4567

0.0000, 0.0000,
0.0000

59.5978, 0.3380,
0.3512

59.5978, 0.3380,
0.3512

54.6479, 0.3570,
0.3665

64.9425, 0.3210,
0.3365

50.0743, 0.3780,
0.3819

70.6840, 0.3059,
0.3227

45.8684, 0.4008,
0.3968

76.8348, 0.2927,
0.3098

42.0184, 0.4248,
0.4103

82.5368, 0.2881,
0.3108

■ 38.5115, 0.4492,
0.4213

■ 87.9738, 0.2885,
0.3204

■ 35.3338, 0.4728,
0.4285

■ 93.1889, 0.2889,
0.3289

■ 32.4697, 0.4943,
0.4309

■ 29.9011, 0.5123,
0.4279

■ 28.7947, 0.5200,
0.4253

Harmonies

Analogous

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



59.5978, 0.3417, 0.3418



59.5978, 0.3380, 0.3512



59.5978, 0.3275, 0.3548

Triad

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



59.5978, 0.3380, 0.3512



59.5978, 0.2886, 0.3278



59.5978, 0.3118, 0.3082

Complementary

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



59.5978, 0.3380, 0.3512



54.3437, 0.2887, 0.3058

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.



59.5978, 0.2977, 0.3043



59.5978, 0.3380, 0.3512



59.5978, 0.2846, 0.3152

Square

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



59.5978, 0.3380, 0.3512



59.5978, 0.2989, 0.3411



59.5978, 0.2879, 0.3067



59.5978, 0.3264, 0.3173

Rectangle

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



59.5978, 0.3380, 0.3512



59.5978, 0.3181, 0.3532



59.5978, 0.2879, 0.3067



59.5978, 0.3068, 0.3062

Sweetspot

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



59.6004, 0.3380, 0.3512



95.8004, 0.3205, 0.3361



51.9094, 0.3294, 0.3123



20.3815, 0.3217, 0.3371



0.0000, 0.0000, 0.0000



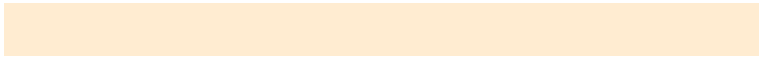
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6004, 0.3380, 0.3512



85.5786, 0.3432, 0.3555



66.1029, 0.3339, 0.3671



13.5955, 0.3277, 0.3424



17.4347, 0.5180, 0.4269



1.2141, 0.4964, 0.4440

Inverse Universe

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



54.3437, 0.2887, 0.3058



76.6009, 0.2840, 0.3010



48.5842, 0.2897, 0.2883



12.8668, 0.2982, 0.3152



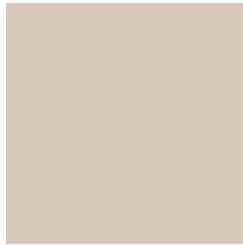
7.6393, 0.1707, 0.1346



0.6229, 0.1802, 0.1687

Previews

White Background



This preview shows how the Yxy color 59.5978, 0.3380, 0.3512 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 59.5978, 0.3380, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

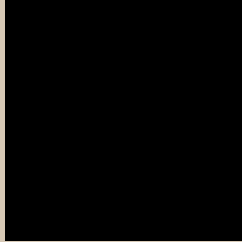
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

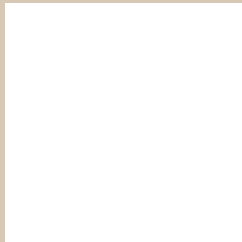
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5978, 0.3380, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 59.5978, 0.3380, 0.3512.



This preview shows how white text looks on a background with the Yxy color 59.5978, 0.3380, 0.3512.

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

59.5978, 0.3380, 0.3512

Protanopia

59.5088, 0.3338, 0.3514

Deuteranopia

59.7217, 0.3506, 0.3437



Tritanopia

59.7460, 0.3190, 0.3121

Trichromacy



Original Color

59.5978, 0.3380, 0.3512

Protanomaly

59.6570, 0.3346, 0.3513

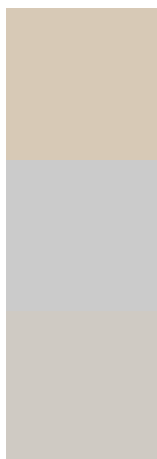
Deuteranomaly

59.8146, 0.3460, 0.3461

Tritanomaly

59.5106, 0.3264, 0.3256

Monochromacy



Original Color

59.5978, 0.3380, 0.3512

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4466, 0.3217, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5978, 0.3380, 0.3512 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(215, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 182)  
}
```

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(215, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 182) }
```

Border

The CSS property to change the border of an element to Yxy 59.5978, 0.3380, 0.3512 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(215, 201, 182) }
```

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

```
.border{ border-color:rgb(215, 201, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 201, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 201, 182);  
box-shadow:4px 4px 4px 4px rgb(215, 201,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5978, 0.3380, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 182) }
```

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

```
.background{ background-color: rgb(215,  
201, 182) }
```

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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