

Converting Colors

Yxy(58.9409, 0.3381, 0.3513)

Have a look what the booklet for
Yxy(58.9409, 0.3381, 0.3513)
contains.

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Color

Yxy(58.9409, 0.3381, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	D6C8B5
RGB	214, 200, 181
RGB Percent	84%, 78%, 71%
CMY	0.1608, 0.2157, 0.2901
CMYK	0.00, 0.07, 0.15, 0.16
HSL	35°, 29%, 77%
HSV	35°, 15%, 84%
XYZ	56.7262, 58.9409, 52.1123
YIQ	202.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

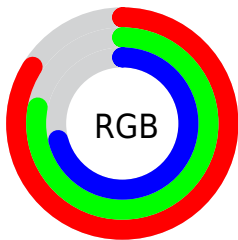
Format	Color
RYB	205, 214, 181
Decimal	14076085
CIELab	81.26, 1.75, 11.24
CIElCh	81, 11.380, 81.152
Yxy	58.9409, 0.3381, 0.3513
Android (android.graphics.Color)	4292266165 (0xFFD6C8B5)
YUV	202.0200, -10.3629, 10.5065
Hunter-Lab	76.7730, -2.4622, 13.4960

Details

The Yxy color **58.9409, 0.3381, 0.3513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7138, 0.2886, 0.3056**, and the grayscale version is **59.1365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **29.4872, 0.3448, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **54.0505, 0.3571, 0.3666**, and if you desaturate by 10%, it is **64.2212, 0.3211, 0.3366**.

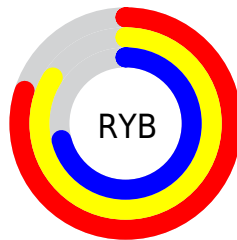
Distribution



Red (84%)

Green (78%)

Blue (71%)



Red (80%)

Yellow (84%)

Blue (71%)

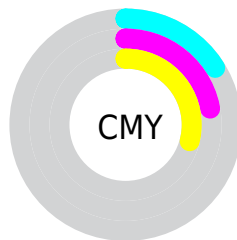


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9409, 0.3381, 0.3513 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 58.9409, 0.3381, 0.3513 by changing the saturation by 10% instead.


 58.9409, 0.3381,
0.3513

 58.9409, 0.3381,
0.3513


420.6829, 0.3259,
0.3406

 42.5655, 0.3410,
0.3538


 103.2918, 0.3338,
0.3475

 29.5444, 0.3447,
0.3570


132.0361, 0.3321,
0.3461

 19.4930, 0.3494,
0.3611


165.6721, 0.3307,
0.3449

 12.0271, 0.3558,
0.3665

204.5844, 0.3295,
0.3438

 6.7621, 0.3649,
0.3742

249.1572, 0.3284,
0.3428

 3.3138, 0.3786,
0.3856

299.7749, 0.3275,

 1.2977, 0.4083,

0.3420

0.4109

356.8220, 0.3266,
0.3413

0.1394, 0.5569,
0.4431

0.0000, 0.0000,
0.0000

58.9409, 0.3381,
0.3513

58.9409, 0.3381,
0.3513

54.0505, 0.3571,
0.3666

64.2212, 0.3211,
0.3366

49.5316, 0.3781,
0.3820

69.8934, 0.3060,
0.3228

45.3758, 0.4009,
0.3969

75.9696, 0.2927,
0.3098

41.5715, 0.4249,
0.4104

81.6880, 0.2874,
0.3095

■ 38.1060, 0.4493,
0.4214

■ 87.0581, 0.2879,
0.3190

■ 34.9655, 0.4728,
0.4286

■ 92.6977, 0.2883,
0.3284

■ 32.1347, 0.4943,
0.4310

■ 93.0352, 0.2883,
0.3289

■ 29.5956, 0.5123,
0.4280

■ 28.5157, 0.5198,
0.4255

Harmonies

Analogous

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



58.9409, 0.3418, 0.3419



58.9409, 0.3381, 0.3513



58.9409, 0.3275, 0.3549

Triad

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



58.9409, 0.3381, 0.3513



58.9409, 0.2885, 0.3278



58.9409, 0.3118, 0.3081

Complementary

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



58.9409, 0.3381, 0.3513



53.7138, 0.2886, 0.3056

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.



58.9409, 0.2977, 0.3042



58.9409, 0.3381, 0.3513



58.9409, 0.2845, 0.3151

Square

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



58.9409, 0.3381, 0.3513



58.9409, 0.2989, 0.3412



58.9409, 0.2878, 0.3066



58.9409, 0.3264, 0.3172

Rectangle

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



58.9409, 0.3381, 0.3513



58.9409, 0.3181, 0.3533



58.9409, 0.2878, 0.3066



58.9409, 0.3068, 0.3061

Sweetspot

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



58.9435, 0.3381, 0.3513



95.8035, 0.3205, 0.3361



51.3047, 0.3295, 0.3122



20.3822, 0.3217, 0.3371



0.0000, 0.0000, 0.0000



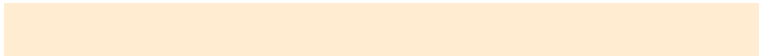
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9435, 0.3381, 0.3513



85.5888, 0.3432, 0.3555



65.3935, 0.3340, 0.3672



13.5963, 0.3277, 0.3424



17.4472, 0.5179, 0.4270



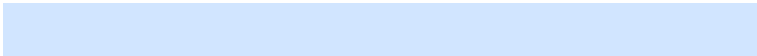
1.2148, 0.4964, 0.4441

Inverse Universe

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



53.7138, 0.2886, 0.3056



76.5910, 0.2840, 0.3010



48.0040, 0.2896, 0.2882



12.8660, 0.2982, 0.3152



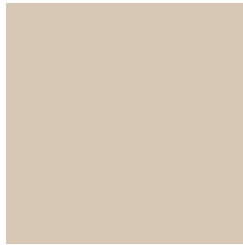
7.6307, 0.1707, 0.1345



0.6223, 0.1802, 0.1686

Previews

White Background



This preview shows how the Yxy color 58.9409, 0.3381, 0.3513 looks on a white background.

Color Contrast Check

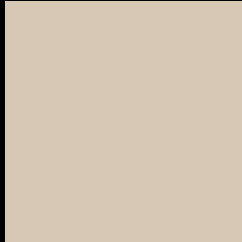
Large Text (above 18pt) WCAG AA × Fail

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 58.9409, 0.3381, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

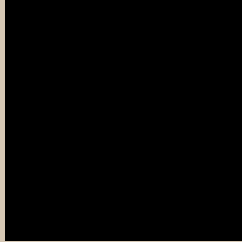
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

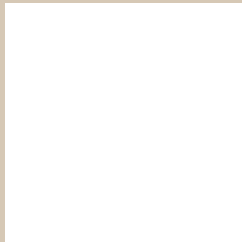
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9409, 0.3381, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 58.9409, 0.3381, 0.3513.



This preview shows how white text looks on a background with the Yxy color 58.9409, 0.3381, 0.3513.

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

58.9409, 0.3381, 0.3513

Protanopia

58.8523, 0.3339, 0.3515

Deuteranopia

59.0656, 0.3508, 0.3438



Tritanopia

59.0884, 0.3190, 0.3121

Trichromacy



Original Color

58.9409, 0.3381, 0.3513

Protanomaly

58.9996, 0.3347, 0.3514

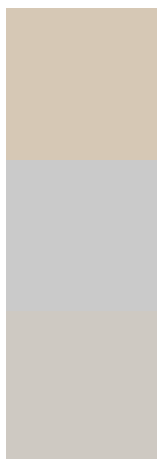
Deuteranomaly

59.1572, 0.3462, 0.3462

Tritanomaly

58.8543, 0.3264, 0.3256

Monochromacy



Original Color

58.9409, 0.3381, 0.3513

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7901, 0.3217, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9409, 0.3381, 0.3513 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(214, 200, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 200, 181)  
}
```

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(214, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 200, 181) }
```

Border

The CSS property to change the border of an element to Yxy 58.9409, 0.3381, 0.3513 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(214, 200, 181) }
```

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

```
.border{ border-color:rgb(214, 200, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 200, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 200,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9409, 0.3381, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 200, 181) }
```

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

```
.background{ background-color: rgb(214,  
200, 181) }
```

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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