

Converting Colors

Yxy(61.8814, 0.3350, 0.3644)

Have a look what the booklet for
Yxy(61.8814, 0.3350, 0.3644)
contains.

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Color

Yxy(61.8814, 0.3350, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	D1D0B2
RGB	209, 208, 178
RGB Percent	82%, 82%, 70%
CMY	0.1803, 0.1843, 0.3021
CMYK	0.00, 0.00, 0.15, 0.18
HSL	58°, 25%, 76%
HSV	58°, 15%, 82%
XYZ	56.8888, 61.8814, 51.0471
YIQ	204.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

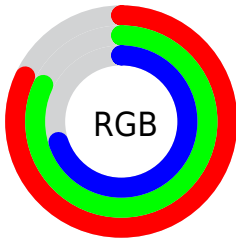
Format	Color
RYB	179, 209, 178
Decimal	13750450
CIELab	82.85, -4.71, 15.06
CIELCh	83, 15.780, 107.353
Yxy	61.8814, 0.3350, 0.3644
Android (android.graphics.Color)	4291940530 (0xFFD1D0B2)
YUV	204.8790, -13.2513, 3.6141
Hunter-Lab	78.6647, -8.5756, 16.5909

Details

The Yxy color **61.8814, 0.3350, 0.3644** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.3029, 0.2889, 0.2910**, and the grayscale version is **61.0525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **31.4619, 0.3402, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **60.7718, 0.3504, 0.3888**, and if you desaturate by 10%, it is **63.1259, 0.3199, 0.3404**.

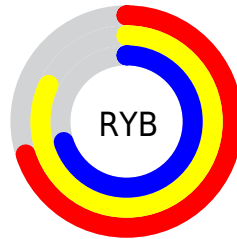
Distribution



Red (82%)

Green (82%)

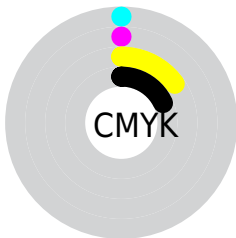
Blue (70%)



Red (70%)

Yellow (82%)

Blue (70%)

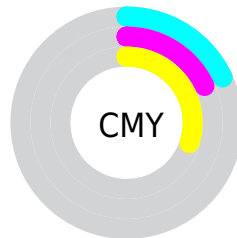


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8814, 0.3350, 0.3644 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 61.8814, 0.3350, 0.3644 by changing the saturation by 10% instead.

61.8814, 0.3350,
0.3644

61.8814, 0.3350,
0.3644

431.4983, 0.3245,
0.3474

44.9369, 0.3374,
0.3685

107.5541, 0.3313,
0.3584

31.4077, 0.3405,
0.3735

137.0511, 0.3299,
0.3561

20.9095, 0.3444,
0.3801

171.5010, 0.3287,
0.3541

13.0579, 0.3495,
0.3890

211.2882, 0.3276,
0.3524

7.4684, 0.3565,
0.4014

256.7972, 0.3267,
0.3509

3.7567, 0.3667,
0.4202

308.4122, 0.3259,

1.5384, 0.3903,

0.3496

0.4610

366.5178, 0.3251,
0.3484

0.3155, 0.3696,
0.6304

0.0000, 0.0000,
0.0000

61.8814, 0.3350,
0.3644

61.8814, 0.3350,
0.3644

60.7718, 0.3504,
0.3888

63.1259, 0.3199,
0.3404

59.7830, 0.3657,
0.4127

64.5024, 0.3054,
0.3173

58.9117, 0.3803,
0.4353


66.0189, 0.2917,
0.2954

58.1510, 0.3935,
0.4556


67.2492, 0.2830,
0.2815

 57.4935, 0.4049,
0.4727


 67.5924, 0.2830,
0.2823

 56.9308, 0.4139,
0.4859


 67.9371, 0.2830,
0.2831

 56.4532, 0.4202,
0.4947

 68.2832, 0.2831,
0.2838

 56.0487, 0.4240,
0.4993

 68.6308, 0.2831,
0.2846

 55.8583, 0.4252,
0.5006

 68.9799, 0.2832,
0.2853

Harmonies

Analogous

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



61.8814, 0.3486, 0.3580



61.8814, 0.3350, 0.3644



61.8814, 0.3157, 0.3608

Triad

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



61.8814, 0.3350, 0.3644



61.8814, 0.2746, 0.3118



61.8814, 0.3290, 0.3112

Complementary

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



61.8814, 0.3350, 0.3644



46.3029, 0.2889, 0.2910

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.



61.8814, 0.3087, 0.2997



61.8814, 0.3350, 0.3644



61.8814, 0.2778, 0.2995

Square

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



61.8814, 0.3350, 0.3644



61.8814, 0.2811, 0.3295



61.8814, 0.2901, 0.2953



61.8814, 0.3452, 0.3272

Rectangle

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



61.8814, 0.3350, 0.3644



61.8814, 0.3023, 0.3530



61.8814, 0.2901, 0.2953



61.8814, 0.3224, 0.3067

Sweetspot

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



61.8841, 0.3350, 0.3644



99.1456, 0.3187, 0.3385



48.6415, 0.3394, 0.3278



21.1877, 0.3198, 0.3403



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.



61.8841, 0.3350, 0.3644



96.4252, 0.3402, 0.3726



60.3666, 0.3235, 0.3669



13.7278, 0.3267, 0.3512



34.4608, 0.4251, 0.5006



1.9483, 0.4240, 0.5016

Inverse Universe

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



46.3029, 0.2889, 0.2910



67.1877, 0.2830, 0.2814



47.6991, 0.3006, 0.2910



11.4793, 0.2982, 0.3058



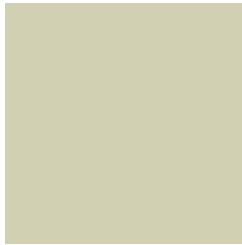
2.9590, 0.1507, 0.0623



0.1879, 0.1527, 0.0698

Previews

White Background



This preview shows how the Yxy color 61.8814, 0.3350, 0.3644 looks on a white background.

Color Contrast Check

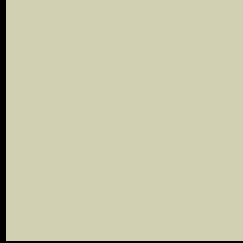
Large Text (above 18pt) WCAG AA × Fail

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 61.8814, 0.3350, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

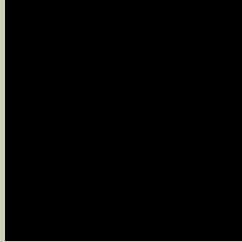
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

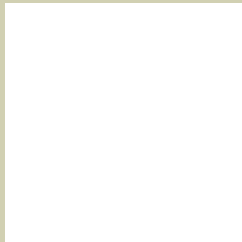
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8814, 0.3350, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 61.8814, 0.3350, 0.3644.



This preview shows how white text looks on a background with the Yxy color 61.8814, 0.3350, 0.3644.

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

61.8814, 0.3350, 0.3644

Protanopia

62.0687, 0.3425, 0.3626

Deuteranopia

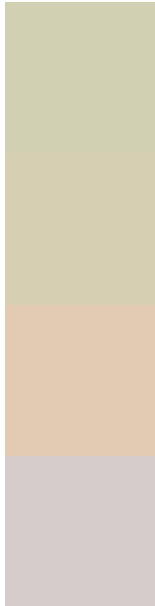
61.9750, 0.3573, 0.3501



Tritanopia

61.7501, 0.3113, 0.3110

Trichromacy



Original Color

61.8814, 0.3350, 0.3644

Protanomaly

62.0961, 0.3399, 0.3640

Deuteranomaly

61.6645, 0.3491, 0.3551

Tritanomaly

61.6437, 0.3204, 0.3302

Monochromacy



Original Color

61.8814, 0.3350, 0.3644

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2046, 0.3205, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8814, 0.3350, 0.3644 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(209, 208, 178)` looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 178)  
}
```

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(209, 208, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.8814, 0.3350, 0.3644 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(209, 208, 178) }
```

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

```
.border{ border-color:rgb(209, 208, 178) }
```

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

Here you see how a box with a 4 pixel rgb(209, 208, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 178);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8814, 0.3350, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 178) }
```

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

```
.background{ background-color: rgb(209,  
208, 178) }
```

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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