

Converting Colors

$Yxy(64.6427, 0.3374, 0.3655)$

Have a look what the booklet for
Yxy(64.6427, 0.3374, 0.3655)
contains.

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Color

Yxy(64.8293, 0.3376, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	D7D4B4
RGB	215, 212, 180
RGB Percent	84%, 83%, 71%
CMY	0.1567, 0.1687, 0.2942
CMYK	0.00, 0.01, 0.16, 0.16
HSL	55°, 30%, 77%
HSV	55°, 16%, 84%
XYZ	59.8152, 64.8293, 52.5332
YIQ	209.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

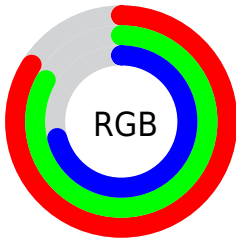
Format	Color
R _{YB}	183, 215, 180
Decimal	14144692
CIE Lab	84.40, -4.26, 16.23
CIE LCh	84, 16.783, 104.714
Yxy	64.8293, 0.3376, 0.3659
Android (android.graphics.Color)	4292334772 (0xFFD7D4B4)
YUV	209.2490, -14.4198, 5.0436
Hunter-Lab	80.5166, -8.2979, 17.6778

Details

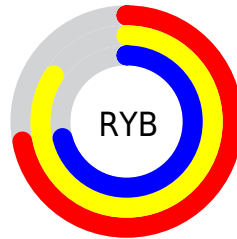
The Yxy color **64.8293, 0.3376, 0.3659** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.4954, 0.2865, 0.2892**, and the grayscale version is **64.0265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **33.1198, 0.3438, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **63.0910, 0.3536, 0.3891**, and if you desaturate by 10%, it is **66.7202, 0.3221, 0.3430**.

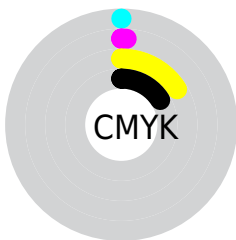
Distribution



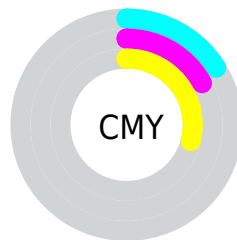
- Red (84%)
- Green (83%)
- Blue (71%)



- Red (72%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8293, 0.3376, 0.3659 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 64.8293, 0.3376, 0.3659 by changing the saturation by 10% instead.

■ 64.8293, 0.3376,
0.3659

■ 64.8293, 0.3376,
0.3659

442.1783, 0.3259,
0.3483

■ 47.3227, 0.3403,
0.3700

■ 111.8044, 0.3335,
0.3597

■ 33.2908, 0.3436,
0.3752

142.0417, 0.3320,
0.3573

■ 22.3493, 0.3479,
0.3819

177.2913, 0.3306,
0.3553

■ 14.1138, 0.3534,
0.3907

217.9377, 0.3294,
0.3535

■ 8.1999, 0.3610,
0.4030

264.3651, 0.3284,
0.3520

■ 4.2231, 0.3717,
0.4213

316.9581, 0.3275,

■ 1.7991, 0.3922,

0.3506

0.4557

376.1011, 0.3267,
0.3494

0.4866, 0.4242,
0.5758

0.0000, 0.0000,
0.0000

64.8293, 0.3376,
0.3659

64.8293, 0.3376,
0.3659

63.0910, 0.3536,
0.3891

66.7202, 0.3221,
0.3430

61.4904, 0.3696,
0.4119

68.7609, 0.3074,
0.3210

60.0237, 0.3850,
0.4334

70.9599, 0.2936,
0.3002

58.6833, 0.3993,
0.4527

72.5931, 0.2874,
0.2916

■ 57.4612, 0.4119,
0.4687

■ 73.5795, 0.2874,
0.2936

■ 56.3481, 0.4220,
0.4808

■ 74.5770, 0.2875,
0.2956

■ 55.3332, 0.4295,
0.4884

■ 75.5856, 0.2876,
0.2976

■ 54.4032, 0.4342,
0.4917

■ 76.6052, 0.2877,
0.2996

■ 54.0718, 0.4356,
0.4923

■ 77.6361, 0.2878,
0.3016

Harmonies

Analogous

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



64.8293, 0.3511, 0.3583



64.8293, 0.3376, 0.3659



64.8293, 0.3177, 0.3632

Triad

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



64.8293, 0.3376, 0.3659



64.8293, 0.2730, 0.3124



64.8293, 0.3280, 0.3091

Complementary

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



64.8293, 0.3376, 0.3659



48.4954, 0.2865, 0.2892

Split Complementary

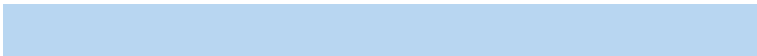
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.8293, 0.3067, 0.2976



64.8293, 0.3376, 0.3659



64.8293, 0.2755, 0.2989

Square

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



64.8293, 0.3376, 0.3659



64.8293, 0.2807, 0.3313



64.8293, 0.2876, 0.2938



64.8293, 0.3456, 0.3255

Rectangle

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



64.8293, 0.3376, 0.3659



64.8293, 0.3036, 0.3555



64.8293, 0.2876, 0.2938



64.8293, 0.3210, 0.3045

Sweetspot

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



64.8322, 0.3376, 0.3659



98.4989, 0.3202, 0.3402



50.5313, 0.3405, 0.3249



21.0386, 0.3213, 0.3418



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.



64.8322, 0.3376, 0.3659



94.3362, 0.3438, 0.3749



64.3409, 0.3263, 0.3706



14.3262, 0.3269, 0.3501



32.4043, 0.4354, 0.4925



2.0101, 0.4323, 0.4950

Inverse Universe

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



48.4954, 0.2865, 0.2892



65.3865, 0.2795, 0.2785



49.0172, 0.2974, 0.2867



12.1809, 0.2981, 0.3070



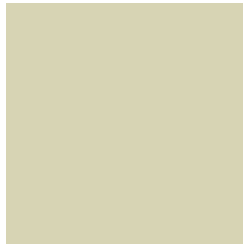
3.2731, 0.1517, 0.0662



0.2590, 0.1567, 0.0839

Previews

White Background



This preview shows how the Yxy color 64.8293, 0.3376, 0.3659 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 64.8293, 0.3376, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

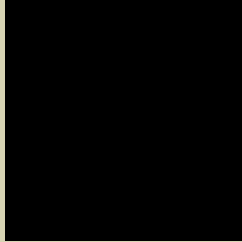
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

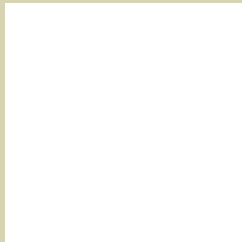
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8293, 0.3376, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 64.8293, 0.3376, 0.3659.



This preview shows how white text looks on a background with the Yxy color 64.8293, 0.3376, 0.3659.

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

64.8293, 0.3376, 0.3659

Protanopia

64.7200, 0.3434, 0.3643

Deuteranopia

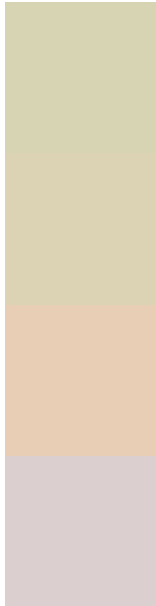
64.7900, 0.3588, 0.3518



Tritanopia

64.7887, 0.3128, 0.3114

Trichromacy



Original Color

64.8293, 0.3376, 0.3659

Protanomaly

64.9033, 0.3416, 0.3656

Deuteranomaly

64.6346, 0.3516, 0.3568

Tritanomaly

64.6768, 0.3218, 0.3301

Monochromacy



Original Color

64.8293, 0.3376, 0.3659

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0193, 0.3219, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8293, 0.3376, 0.3659 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, 212, 180)` looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 180)  
}
```

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, 212, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 180) }
```

Border

The CSS property to change the border of an element to Yxy 64.8293, 0.3376, 0.3659 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, 212, 180) }
```

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

```
.border{ border-color:rgb(215, 212, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 212, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 180);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8293, 0.3376, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 180) }
```

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

```
.background{ background-color: rgb(215,  
212, 180) }
```

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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