

Converting Colors

Yxy(64.4960, 0.3626, 0.3973)

Have a look what the booklet for
Yxy(64.4960, 0.3626, 0.3973)
contains.

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Color

Yxy(64.7261, 0.3625, 0.3975)

Conversions

Conversions Part 1

Format	Color
Hex	DDD498
RGB	221, 212, 152
RGB Percent	87%, 83%, 60%
CMY	0.1334, 0.1686, 0.4040
CMYK	0.00, 0.04, 0.31, 0.13
HSL	52°, 50%, 73%
HSV	52°, 31%, 87%
XYZ	59.0269, 64.7261, 39.0799
YIQ	207.8510, 24.6240, -16.7520

Conversions

Conversions Part 2

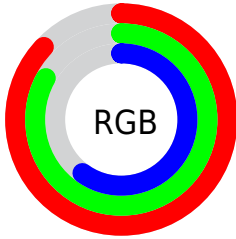
Format	Color
R _{YB}	162, 221, 152
Decimal	14537880
CIE Lab	84.34, -5.92, 30.87
CIE LCh	84, 31.434, 100.862
Yxy	64.7261, 0.3625, 0.3975
Android (android.graphics.Color)	4292727960 (0xFFDDD498)
YUV	207.8510, -27.5345, 11.5317
Hunter-Lab	80.4525, -9.8289, 27.5166

Details

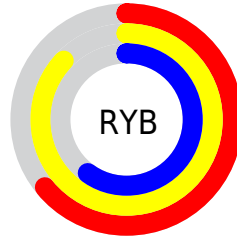
The Yxy color $64.7261, 0.3625, 0.3975$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.3721, 0.2588, 0.2497$, and the grayscale version is $63.1449, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2850, 0.3412, 0.3760$, and $33.3732, 0.3740, 0.4154$ is the 20% darker color. If you saturate the color by 10%, you get $62.6454, 0.3791, 0.4190$, and if you desaturate by 10%, it is $66.9732, 0.3459, 0.3753$.

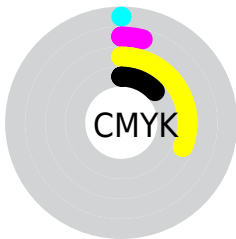
Distribution



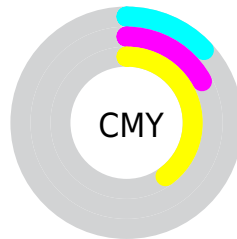
- Red (87%)
- Green (83%)
- Blue (60%)



- Red (64%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7261, 0.3625, 0.3975 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 64.7261, 0.3625, 0.3975 by changing the saturation by 10% instead.


 64.7261, 0.3625,
0.3975


 64.7261, 0.3625,
0.3975


441.8070, 0.3395,
0.3650

 47.2390, 0.3677,
0.4050


 111.6560, 0.3546,
0.3861

 33.2246, 0.3739,
0.4143


 141.8676, 0.3515,
0.3817

 22.2986, 0.3817,
0.4261


177.0895, 0.3488,
0.3780

 14.0765, 0.3915,
0.4414

217.7060, 0.3464,
0.3747

 8.1739, 0.4038,
0.4617

264.1017, 0.3444,
0.3718

 4.2064, 0.4197,
0.4899

316.6608, 0.3426,

 1.7897, 0.4527,

0.3693

0.5473

375.7678, 0.3409,
0.3670

0.4807, 0.3938,
0.6062

0.0000, 0.0000,
0.0000

64.7261, 0.3625,
0.3975

64.7261, 0.3625,
0.3975

62.6454, 0.3791,
0.4190

66.9732, 0.3459,
0.3753

60.7147, 0.3950,
0.4389

69.3849, 0.3298,
0.3531

58.9285, 0.4097,
0.4562

71.9708, 0.3145,
0.3316

57.2776, 0.4225,
0.4698

74.7371, 0.3003,
0.3111

■ 55.7511, 0.4327,
0.4792

■ 77.1984, 0.2915,
0.2993

■ 54.3364, 0.4401,
0.4841

■ 78.7799, 0.2915,
0.3024

■ 53.1684, 0.4446,
0.4852

■ 80.3878, 0.2916,
0.3054

■ 82.0222, 0.2917,
0.3084

■ 83.6833, 0.2918,
0.3114

Harmonies

Analogous

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



64.7261, 0.3865, 0.3789



64.7261, 0.3625, 0.3975



64.7261, 0.3259, 0.3968

Triad

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



64.7261, 0.3625, 0.3975



64.7261, 0.2411, 0.3005



64.7261, 0.3357, 0.2894

Complementary

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



64.7261, 0.3625, 0.3975



37.3721, 0.2588, 0.2497

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.



64.7261, 0.2957, 0.2707



64.7261, 0.3625, 0.3975



64.7261, 0.2432, 0.2751

Square

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



64.7261, 0.3625, 0.3975



64.7261, 0.2566, 0.3372



64.7261, 0.2625, 0.2651



64.7261, 0.3711, 0.3175

Rectangle

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



64.7261, 0.3625, 0.3975



64.7261, 0.2997, 0.3838



64.7261, 0.2625, 0.2651



64.7261, 0.3223, 0.2819

Sweetspot

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



64.7290, 0.3625, 0.3975



96.7175, 0.3264, 0.3484



40.4018, 0.3740, 0.3181



20.5920, 0.3287, 0.3516



0.0000, 0.0000, 0.0000



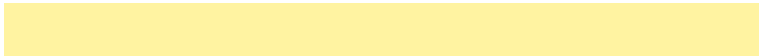
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7290, 0.3625, 0.3975



87.7528, 0.3726, 0.4107



65.6699, 0.3401, 0.4120



14.9595, 0.3270, 0.3492



31.0071, 0.4441, 0.4856



2.0910, 0.4395, 0.4892

Inverse Universe

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



37.3721, 0.2588, 0.2497



44.6222, 0.2467, 0.2313



37.0519, 0.2779, 0.2424



12.8891, 0.2981, 0.3080



3.6287, 0.1529, 0.0704



0.3262, 0.1593, 0.0935

Previews

White Background



This preview shows how the Yxy color 64.7261, 0.3625, 0.3975 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 64.7261, 0.3625, 0.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

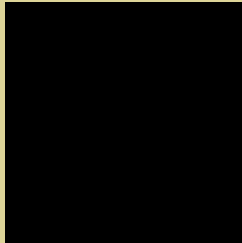
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7261, 0.3625, 0.3975

Background



This preview shows how black text looks on a background with the Yxy color 64.7261, 0.3625, 0.3975.



This preview shows how white text looks on a background with the Yxy color 64.7261, 0.3625, 0.3975.

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

64.7261, 0.3625, 0.3975

Protanopia

64.4963, 0.3679, 0.3955

Deuteranopia

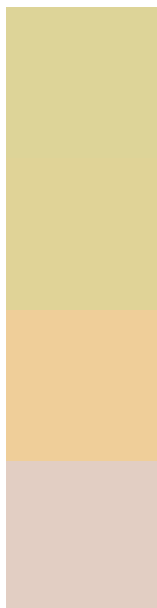
64.7139, 0.3876, 0.3800



Tritanopia

64.4844, 0.3212, 0.3117

Trichromacy



Original Color

64.7261, 0.3625, 0.3975

Protanomaly

64.6702, 0.3660, 0.3970

Deuteranomaly

64.7932, 0.3786, 0.3868

Tritanomaly

64.2515, 0.3362, 0.3413

Monochromacy



Original Color

64.7261, 0.3625, 0.3975

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3779, 0.3307, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7261, 0.3625, 0.3975 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(221, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(221, 212, 152)  
}
```

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(221, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 212, 152) }
```

Border

The CSS property to change the border of an element to Yxy 64.7261, 0.3625, 0.3975 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(221, 212, 152) }
```

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

```
.border{ border-color:rgb(221, 212, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 212, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(221, 212,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7261, 0.3625, 0.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 212, 152) }
```

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

```
.background{ background-color: rgb(221,  
212, 152) }
```

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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