

Converting Colors

Yxy(64.9851, 0.3376, 0.3549)

Have a look what the booklet for
Yxy(64.9851, 0.3376, 0.3549)
contains.

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Color

Yxy(65.0532, 0.3375, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	DDD2BB
RGB	221, 210, 187
RGB Percent	87%, 82%, 73%
CMY	0.1334, 0.1764, 0.2666
CMYK	0.00, 0.05, 0.15, 0.13
HSL	41°, 33%, 80%
HSV	41°, 15%, 87%
XYZ	61.8289, 65.0532, 56.3147
YIQ	210.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

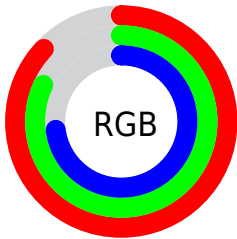
Format	Color
R _Y B	203, 221, 187
Decimal	14537403
CIE Lab	84.51, -0.01, 12.75
CIE LCh	85, 12.755, 90.023
Yxy	65.0532, 0.3375, 0.3551
Android (android.graphics.Color)	4292727483 (0xFFDDD2BB)
YUV	210.6670, -11.6678, 9.0620
Hunter-Lab	80.6556, -4.3127, 15.0619

Details

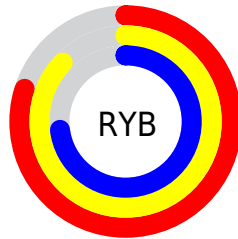
The Yxy color **65.0532, 0.3375, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1567, 0.2884, 0.3015**, and the grayscale version is **64.9814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **33.6052, 0.3436, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **60.7388, 0.3556, 0.3729**, and if you desaturate by 10%, it is **69.6758, 0.3209, 0.3379**.

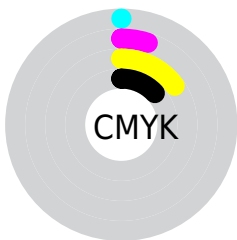
Distribution



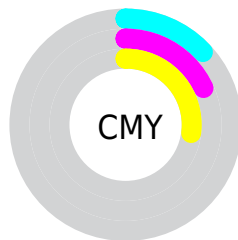
- Red (87%)
- Green (82%)
- Blue (73%)



- Red (80%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0532, 0.3375, 0.3551 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 65.0532, 0.3375, 0.3551 by changing the saturation by 10% instead.

 65.0532, 0.3375,
0.3551

 65.0532, 0.3375,
0.3551


442.9831, 0.3258,
0.3428

 47.5042, 0.3402,
0.3580


 112.1263, 0.3334,
0.3508

 33.4344, 0.3436,
0.3616


142.4193, 0.3318,
0.3491

 22.4595, 0.3480,
0.3661


177.7290, 0.3305,
0.3477

 14.1949, 0.3537,
0.3722

218.4399, 0.3293,
0.3464

 8.2563, 0.3617,
0.3806

264.9364, 0.3282,
0.3454

 4.2594, 0.3734,
0.3929

317.6028, 0.3273,

 1.8197, 0.3925,

0.3444

0.4130

376.8236, 0.3265,
0.3435

0.4994, 0.4872,
0.5128

0.0000, 0.0000,
0.0000

65.0532, 0.3375,
0.3551

65.0532, 0.3375,
0.3551

60.7388, 0.3556,
0.3729

69.6758, 0.3209,
0.3379

56.7153, 0.3751,
0.3908

74.6063, 0.3060,
0.3216

52.9764, 0.3955,
0.4080

79.8551, 0.2926,
0.3063

49.5122, 0.4164,
0.4236

84.0457, 0.2918,
0.3121

■ 46.3120, 0.4368,
0.4366

■ 88.2917, 0.2920,
0.3194

■ 43.3639, 0.4559,
0.4457

■ 92.7042, 0.2922,
0.3267

■ 40.6543, 0.4724,
0.4502

■ 94.1077, 0.2923,
0.3289

■ 38.1671, 0.4859,
0.4495

■ 37.0793, 0.4914,
0.4480

Harmonies

Analogous

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



65.0532, 0.3440, 0.3464



65.0532, 0.3375, 0.3551



65.0532, 0.3244, 0.3568

Triad

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



65.0532, 0.3375, 0.3551



65.0532, 0.2844, 0.3233



65.0532, 0.3165, 0.3088

Complementary

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



65.0532, 0.3375, 0.3551



56.1567, 0.2884, 0.3015

Split Complementary

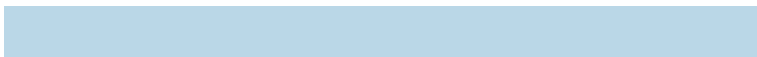
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0532, 0.3006, 0.3027



65.0532, 0.3375, 0.3551



65.0532, 0.2824, 0.3106

Square

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



65.0532, 0.3375, 0.3551



65.0532, 0.2938, 0.3381



65.0532, 0.2882, 0.3032



65.0532, 0.3317, 0.3199

Rectangle

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



65.0532, 0.3375, 0.3551



65.0532, 0.3137, 0.3535



65.0532, 0.2882, 0.3032



65.0532, 0.3111, 0.3061

Sweetspot

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



65.0561, 0.3375, 0.3551



96.6094, 0.3204, 0.3373



55.0039, 0.3322, 0.3161



20.5783, 0.3215, 0.3385



0.0000, 0.0000, 0.0000



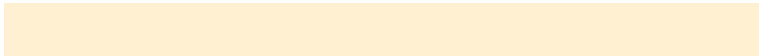
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0561, 0.3375, 0.3551



88.3017, 0.3424, 0.3600



69.7803, 0.3314, 0.3675



14.5187, 0.3275, 0.3448



21.7596, 0.4900, 0.4492



1.5633, 0.4756, 0.4605

Inverse Universe

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



56.1567, 0.2884, 0.3015



74.0518, 0.2838, 0.2960



52.0566, 0.2922, 0.2885



13.2997, 0.2981, 0.3127



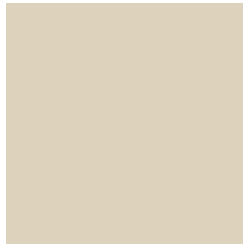
5.8553, 0.1628, 0.1060



0.5327, 0.1719, 0.1389

Previews

White Background



This preview shows how the Yxy color 65.0532, 0.3375, 0.3551 looks on a white background.

Color Contrast Check

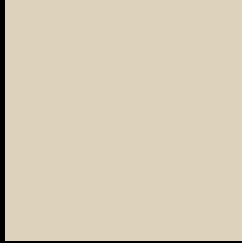
Large Text (above 18pt) WCAG AA × Fail

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 65.0532, 0.3375, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

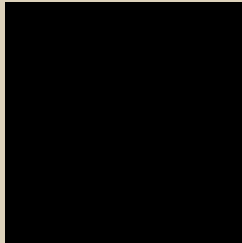
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

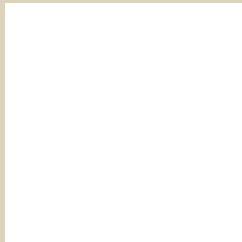
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0532, 0.3375, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 65.0532, 0.3375, 0.3551.

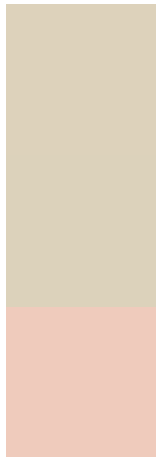


This preview shows how white text looks on a background with the Yxy color 65.0532, 0.3375, 0.3551.

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

65.0532, 0.3375, 0.3551

Protanopia

64.8967, 0.3367, 0.3552

Deuteranopia

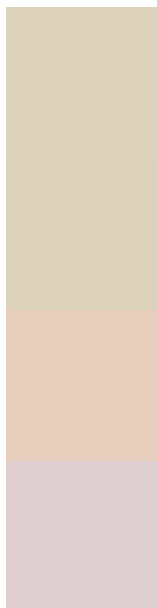
64.6934, 0.3525, 0.3454



Tritanopia

65.0519, 0.3173, 0.3116

Trichromacy



Original Color

65.0532, 0.3375, 0.3551

Protanomaly

64.8967, 0.3367, 0.3552

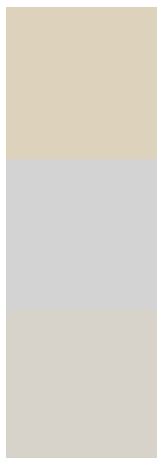
Deuteranomaly

64.9293, 0.3463, 0.3490

Tritanomaly

65.0764, 0.3242, 0.3268

Monochromacy



Original Color

65.0532, 0.3375, 0.3551

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2999, 0.3220, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0532, 0.3375, 0.3551 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, 210, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 187)  
}
```

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, 210, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 187) }
```

Border

The CSS property to change the border of an element to Yxy 65.0532, 0.3375, 0.3551 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, 210, 187) }
```

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

```
.border{ border-color:rgb(221, 210, 187) }
```

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

Here you see how a box with a 4 pixel rgb(221, 210, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0532, 0.3375, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 187) }
```

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

```
.background{ background-color: rgb(221,  
210, 187) }
```

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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