

Converting Colors

Yxy(65.1523, 0.3425, 0.3641)

Have a look what the booklet for
Yxy(65.1523, 0.3425, 0.3641)
contains.

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Color

Yxy(65.2560, 0.3425, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	DDD3B4
RGB	221, 211, 180
RGB Percent	87%, 83%, 71%
CMY	0.1333, 0.1725, 0.2943
CMYK	0.00, 0.05, 0.19, 0.13
HSL	45°, 38%, 79%
HSV	45°, 19%, 87%
XYZ	61.3510, 65.2560, 52.5201
YIQ	210.4560, 15.9110, -7.5210

Conversions

Conversions Part 2

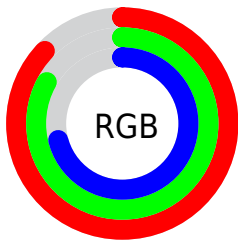
Format	Color
R _Y B	193, 221, 180
Decimal	14537652
CIE Lab	84.62, -1.57, 16.62
CIE LCh	85, 16.699, 95.408
Yxy	65.2560, 0.3425, 0.3643
Android (android.graphics.Color)	4292727732 (0xFFDDD3B4)
YUV	210.4560, -15.0148, 9.2471
Hunter-Lab	80.7812, -5.8014, 17.9993

Details

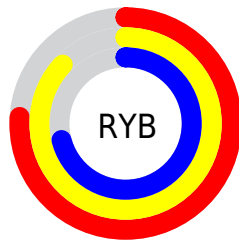
The Yxy color **65.2560, 0.3425, 0.3643** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7337, 0.2828, 0.2910**, and the grayscale version is **64.8579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **33.7532, 0.3501, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **61.7961, 0.3602, 0.3840**, and if you desaturate by 10%, it is **68.9551, 0.3259, 0.3450**.

Distribution



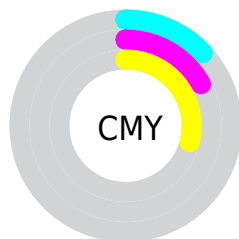
- Red (87%)
- Green (83%)
- Blue (71%)



- Red (76%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2560, 0.3425, 0.3643 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 65.2560, 0.3425, 0.3643 by changing the saturation by 10% instead.


 65.2560, 0.3425,
0.3643

 65.2560, 0.3425,
0.3643


443.7113, 0.3285,
0.3476

 47.6687, 0.3457,
0.3682


 112.4178, 0.3376,
0.3584

 33.5646, 0.3498,
0.3730


142.7611, 0.3357,
0.3562

 22.5593, 0.3549,
0.3793


178.1252, 0.3341,
0.3542

 14.2684, 0.3617,
0.3875

218.8945, 0.3327,
0.3526

 8.3076, 0.3709,
0.3988

265.4534, 0.3314,
0.3511

 4.2924, 0.3842,
0.4153

318.1862, 0.3303,

 1.8384, 0.4088,

0.3498

0.4458

377.4774, 0.3294,
0.3486

■ 0.5110, 0.4667,
0.5333

■ 0.0000, 0.0000,
0.0000

■ 65.2560, 0.3425,
0.3643

■ 65.2560, 0.3425,
0.3643

■ 61.7961, 0.3602,
0.3840

■ 68.9551, 0.3259,
0.3450

■ 58.5589, 0.3787,
0.4035

■ 72.8920, 0.3106,
0.3264

■ 55.5393, 0.3974,
0.4219

■ 77.0762, 0.2967,
0.3090

■ 52.7283, 0.4158,
0.4382

■ 80.6232, 0.2917,
0.3058

■ 50.1160, 0.4329,
0.4514

■ 83.7134, 0.2918,
0.3115

■ 47.6914, 0.4480,
0.4604

■ 86.8976, 0.2920,
0.3170

■ 45.4416, 0.4602,
0.4648

■ 90.1764, 0.2921,
0.3226

■ 43.3477, 0.4696,
0.4645

■ 93.5508, 0.2923,
0.3280

■ 43.0583, 0.4709,
0.4643

■ 94.1144, 0.2923,
0.3289

Harmonies

Analogous

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



65.2560, 0.3530, 0.3541



65.2560, 0.3425, 0.3643



65.2560, 0.3241, 0.3649

Triad

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



65.2560, 0.3425, 0.3643



65.2560, 0.2746, 0.3180



65.2560, 0.3214, 0.3050

Complementary

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



65.2560, 0.3425, 0.3643



51.7337, 0.2828, 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.



65.2560, 0.3003, 0.2957



65.2560, 0.3425, 0.3643



65.2560, 0.2739, 0.3025

Square

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



65.2560, 0.3425, 0.3643



65.2560, 0.2852, 0.3374



65.2560, 0.2831, 0.2947



65.2560, 0.3407, 0.3202

Rectangle

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



65.2560, 0.3425, 0.3643



65.2560, 0.3101, 0.3593



65.2560, 0.2831, 0.2947



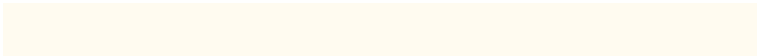
65.2560, 0.3143, 0.3011

Sweetspot

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



65.2589, 0.3425, 0.3643



96.6964, 0.3219, 0.3402



51.7284, 0.3400, 0.3172



20.6216, 0.3230, 0.3414



0.0000, 0.0000, 0.0000



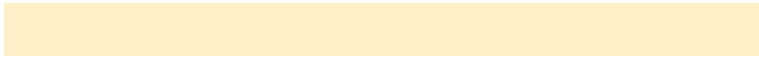
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2589, 0.3425, 0.3643



88.4801, 0.3488, 0.3714



68.8263, 0.3328, 0.3762



14.6979, 0.3273, 0.3466



25.1952, 0.4699, 0.4651



1.7635, 0.4599, 0.4730

Inverse Universe

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



51.7337, 0.2828, 0.2910



66.7250, 0.2765, 0.2827



48.8237, 0.2900, 0.2795



13.1302, 0.2981, 0.3108



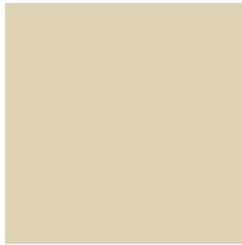
4.7084, 0.1579, 0.0883



0.4402, 0.1666, 0.1196

Previews

White Background



This preview shows how the Yxy color 65.2560, 0.3425, 0.3643 looks on a white background.

Color Contrast Check

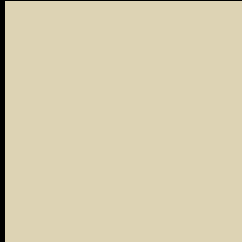
Large Text (above 18pt) WCAG AA × Fail

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 65.2560, 0.3425, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

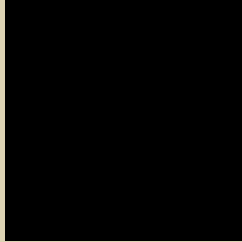
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

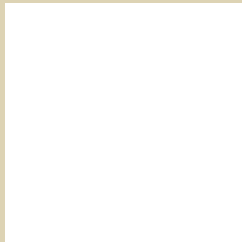
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2560, 0.3425, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 65.2560, 0.3425, 0.3643.

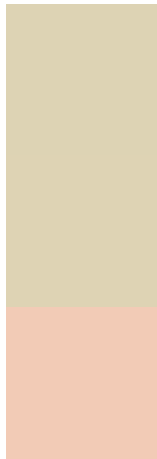


This preview shows how white text looks on a background with the Yxy color 65.2560, 0.3425, 0.3643.

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

65.2560, 0.3425, 0.3643

Protanopia

65.4134, 0.3432, 0.3642

Deuteranopia

64.9665, 0.3596, 0.3518



Tritanopia

65.0519, 0.3173, 0.3116

Trichromacy



Original Color

65.2560, 0.3425, 0.3643

Protanomaly

65.4134, 0.3432, 0.3642

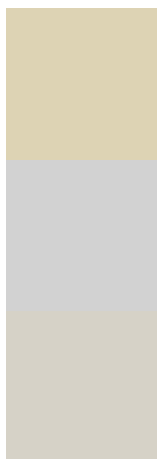
Deuteranomaly

64.9712, 0.3532, 0.3566

Tritanomaly

64.9292, 0.3264, 0.3302

Monochromacy



Original Color

65.2560, 0.3425, 0.3643

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5128, 0.3234, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2560, 0.3425, 0.3643 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, 211, 180)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 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(221, 211, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 180) }
```

Border

The CSS property to change the border of an element to Yxy 65.2560, 0.3425, 0.3643 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, 211, 180) }
```

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

```
.border{ border-color:rgb(221, 211, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 211, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 180);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2560, 0.3425, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 180) }
```

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

```
.background{ background-color: rgb(221,  
211, 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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