

Converting Colors

$Yxy(65.9815, 0.3338, 0.3511)$

Have a look what the booklet for
Yxy(65.9815, 0.3338, 0.3511)
contains.

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Color

Yxy(65.7665, 0.3337, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	DDD3C0
RGB	221, 211, 192
RGB Percent	87%, 83%, 75%
CMY	0.1335, 0.1725, 0.2471
CMYK	0.00, 0.04, 0.13, 0.13
HSL	39°, 30%, 81%
HSV	39°, 13%, 87%
XYZ	62.6142, 65.7665, 59.2555
YIQ	211.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

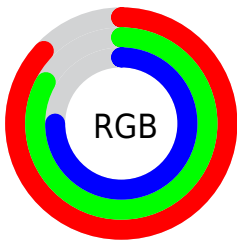
Format	Color
R _Y B	207, 221, 192
Decimal	14537664
CIE Lab	84.88, 0.24, 10.64
CIE LCh	85, 10.641, 88.688
Yxy	65.7665, 0.3337, 0.3505
Android (android.graphics.Color)	4292727744 (0xFFDDD3C0)
YUV	211.8240, -9.7732, 8.0474
Hunter-Lab	81.0965, -4.1001, 13.4456

Details

The Yxy color **65.7665, 0.3337, 0.3505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6223, 0.2922, 0.3065**, and the grayscale version is **65.7724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **34.0850, 0.3386, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **61.1879, 0.3516, 0.3677**, and if you desaturate by 10%, it is **70.6751, 0.3174, 0.3340**.

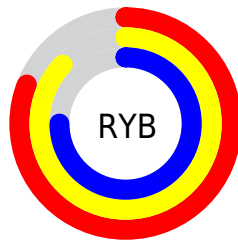
Distribution



Red (87%)

Green (83%)

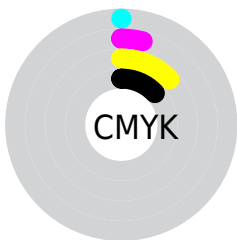
Blue (75%)



Red (81%)

Yellow (87%)

Blue (75%)

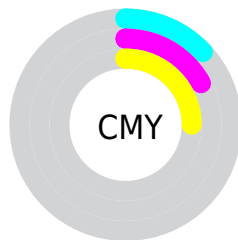


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (13%)



Cyan (13%)


Magenta (17%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7665, 0.3337, 0.3505 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 65.7665, 0.3337, 0.3505 by changing the saturation by 10% instead.


 65.7665, 0.3337,
0.3505

 65.7665, 0.3337,
0.3505


445.5413, 0.3238,
0.3404

 48.0829, 0.3360,
0.3529


 113.1511, 0.3302,
0.3470

 33.8925, 0.3389,
0.3558


143.6209, 0.3289,
0.3456

 22.8110, 0.3426,
0.3596


179.1216, 0.3277,
0.3444

 14.4540, 0.3474,
0.3645

220.0375, 0.3267,
0.3434

 8.4371, 0.3542,
0.3714

266.7530, 0.3259,
0.3425

 4.3759, 0.3642,
0.3816

319.6526, 0.3251,

 1.8860, 0.3802,

0.3417

379.1205, 0.3244,
0.3410

0.3978

0.5399, 0.4902,
0.5098

0.0000, 0.0000,
0.0000

65.7665, 0.3337,
0.3505

65.7665, 0.3337,
0.3505

61.1879, 0.3516,
0.3677

70.6751, 0.3174,
0.3340

56.9218, 0.3711,
0.3851

75.9136, 0.3028,
0.3183

52.9614, 0.3918,
0.4021

81.2803, 0.2916,
0.3071

49.2968, 0.4132,
0.4178

85.6776, 0.2919,
0.3149

■ 45.9169, 0.4345,
0.4311

■ 90.2614, 0.2921,
0.3227

■ 42.8096, 0.4548,
0.4409

■ 94.1039, 0.2923,
0.3289

■ 39.9614, 0.4730,
0.4460

■ 37.3565, 0.4880,
0.4461

■ 35.6861, 0.4969,
0.4437

Harmonies

Analogous

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



65.7665, 0.3388, 0.3432



65.7665, 0.3337, 0.3505



65.7665, 0.3230, 0.3521

Triad

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



65.7665, 0.3337, 0.3505



65.7665, 0.2893, 0.3249



65.7665, 0.3153, 0.3118

Complementary

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



65.7665, 0.3337, 0.3505



58.6223, 0.2922, 0.3065

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.



65.7665, 0.3021, 0.3069



65.7665, 0.3337, 0.3505



65.7665, 0.2873, 0.3141

Square

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



65.7665, 0.3337, 0.3505



65.7665, 0.2974, 0.3371



65.7665, 0.2920, 0.3077



65.7665, 0.3280, 0.3210

Rectangle

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



65.7665, 0.3337, 0.3505



65.7665, 0.3142, 0.3495



65.7665, 0.2920, 0.3077



65.7665, 0.3108, 0.3096

Sweetspot

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



65.7694, 0.3337, 0.3505



97.1505, 0.3189, 0.3355



57.3281, 0.3286, 0.3175



20.6813, 0.3201, 0.3367



0.0000, 0.0000, 0.0000



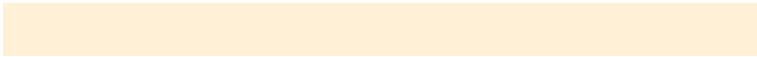
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7694, 0.3337, 0.3505



89.0470, 0.3389, 0.3556



70.1813, 0.3290, 0.3616



14.4734, 0.3275, 0.3443



20.9600, 0.4953, 0.4449



1.5158, 0.4798, 0.4572

Inverse Universe

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



58.6223, 0.2922, 0.3065



77.1328, 0.2872, 0.3009



54.6921, 0.2951, 0.2949



13.3431, 0.2981, 0.3132



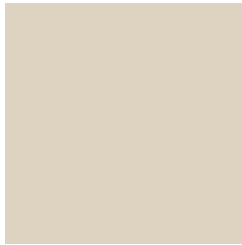
6.2039, 0.1642, 0.1111



0.5591, 0.1734, 0.1441

Previews

White Background



This preview shows how the Yxy color 65.7665, 0.3337, 0.3505 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 65.7665, 0.3337, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

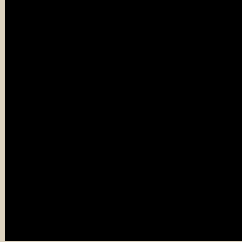
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

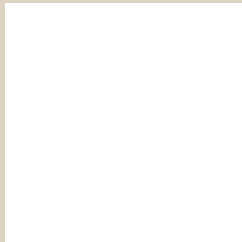
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7665, 0.3337, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 65.7665, 0.3337, 0.3505.

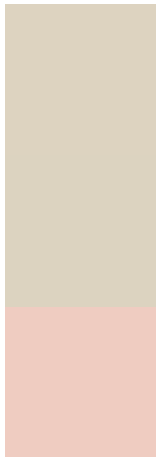


This preview shows how white text looks on a background with the Yxy color 65.7665, 0.3337, 0.3505.

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

65.7665, 0.3337, 0.3505

Protanopia

65.6099, 0.3330, 0.3505

Deuteranopia

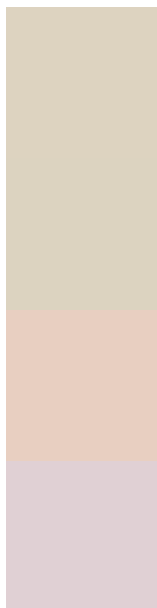
65.3867, 0.3484, 0.3410



Tritanopia

65.9609, 0.3150, 0.3116

Trichromacy



Original Color

65.7665, 0.3337, 0.3505

Protanomaly

65.6099, 0.3330, 0.3505

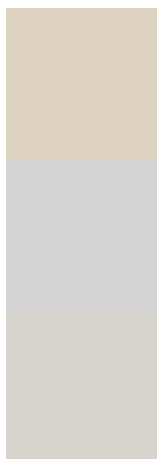
Deuteranomaly

65.6317, 0.3423, 0.3445

Tritanomaly

65.7125, 0.3220, 0.3246

Monochromacy



Original Color

65.7665, 0.3337, 0.3505

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9418, 0.3198, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7665, 0.3337, 0.3505 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 192) }
```

Border

The CSS property to change the border of an element to Yxy 65.7665, 0.3337, 0.3505 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, 192) }
```

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

```
.border{ border-color:rgb(221, 211, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 192);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7665, 0.3337, 0.3505 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, 192) }
```

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

```
.background{ background-color: rgb(221,  
211, 192) }
```

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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