

Converting Colors

$Yxy(65.8724, 0.3386, 0.3610)$

Have a look what the booklet for
Yxy(65.8724, 0.3386, 0.3610)
contains.

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Color

Yxy(65.7633, 0.3386, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	DCD4B8
RGB	220, 212, 184
RGB Percent	86%, 83%, 72%
CMY	0.1371, 0.1686, 0.2784
CMYK	0.00, 0.04, 0.16, 0.14
HSL	47°, 34%, 79%
HSV	47°, 16%, 86%
XYZ	61.7169, 65.7633, 54.7906
YIQ	211.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

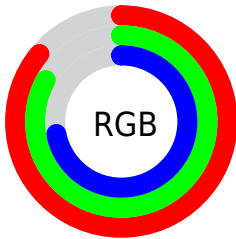
Format	Color
RYB	194, 220, 184
Decimal	14472376
CIELab	84.88, -1.84, 14.84
CIELCh	85, 14.958, 97.057
Yxy	65.7633, 0.3386, 0.3608
Android (android.graphics.Color)	4292662456 (0xFFD4CD4B8)
YUV	211.2000, -13.4096, 7.7176
Hunter-Lab	81.0946, -6.0684, 16.7076

Details

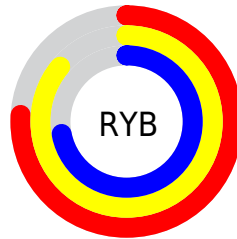
The Yxy color **65.7633, 0.3386, 0.3608** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.0756, 0.2866, 0.2951**, and the grayscale version is **65.3680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **33.7520, 0.3452, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **62.4985, 0.3559, 0.3810**, and if you desaturate by 10%, it is **69.2520, 0.3224, 0.3411**.

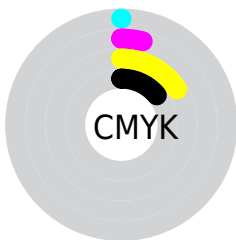
Distribution



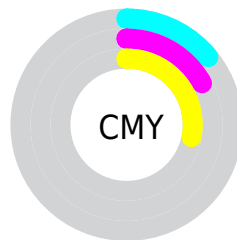
- Red (86%)
- Green (83%)
- Blue (72%)



- Red (76%)
- Yellow (86%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (14%)





- Cyan (14%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7633, 0.3386, 0.3608 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 65.7633, 0.3386, 0.3608 by changing the saturation by 10% instead.

 65.7633, 0.3386,
0.3608

 65.7633, 0.3386,
0.3608


445.5299, 0.3264,
0.3458

 48.0803, 0.3414,
0.3643


 113.1465, 0.3343,
0.3555

 33.8905, 0.3449,
0.3687


143.6155, 0.3327,
0.3535

 22.8095, 0.3494,
0.3743

179.1153, 0.3313,
0.3517

 14.4529, 0.3552,
0.3817

220.0303, 0.3301,
0.3502

 8.4363, 0.3633,
0.3920

266.7449, 0.3290,
0.3489

 4.3754, 0.3749,
0.4071

319.6434, 0.3280,

 1.8857, 0.3943,

0.3477

379.1102, 0.3272,
0.3467

0.4325

0.5398, 0.4645,
0.5355

0.0000, 0.0000,
0.0000

65.7633, 0.3386,
0.3608

65.7633, 0.3386,
0.3608

62.4985, 0.3559,
0.3810

69.2520, 0.3224,
0.3411

59.4415, 0.3739,
0.4010


72.9627, 0.3074,
0.3223


56.5876, 0.3922,
0.4201


76.9046, 0.2938,
0.3046

53.9282, 0.4101,
0.4374


79.9391, 0.2910,
0.3048

 51.4540, 0.4268,
0.4516


 82.7336, 0.2912,
0.3099


 49.1547, 0.4416,
0.4620


 85.6058, 0.2913,
0.3150


 47.0181, 0.4537,
0.4677

 88.5562, 0.2915,
0.3201

 45.0294, 0.4628,
0.4687

 91.5855, 0.2916,
0.3251

 44.3350, 0.4657,
0.4684

 93.9600, 0.2917,
0.3289

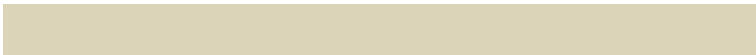
Harmonies

Analogous

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



65.7633, 0.3484, 0.3522



65.7633, 0.3386, 0.3608



65.7633, 0.3220, 0.3607

Triad

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



65.7633, 0.3386, 0.3608



65.7633, 0.2783, 0.3183



65.7633, 0.3216, 0.3081

Complementary

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



65.7633, 0.3386, 0.3608



53.0756, 0.2866, 0.2951

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.



65.7633, 0.3027, 0.2994



65.7633, 0.3386, 0.3608



65.7633, 0.2782, 0.3048

Square

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



65.7633, 0.3386, 0.3608



65.7633, 0.2874, 0.3356



65.7633, 0.2869, 0.2981



65.7633, 0.3385, 0.3220

Rectangle

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



65.7633, 0.3386, 0.3608



65.7633, 0.3094, 0.3554



65.7633, 0.2869, 0.2981



65.7633, 0.3152, 0.3045

Sweetspot

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



65.7662, 0.3386, 0.3608



97.4055, 0.3203, 0.3385



53.3275, 0.3367, 0.3193



20.7721, 0.3214, 0.3399



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.



65.7662, 0.3386, 0.3608



90.0981, 0.3450, 0.3684



68.4257, 0.3300, 0.3704



14.7457, 0.3272, 0.3471



26.1852, 0.4649, 0.4691



1.8202, 0.4560, 0.4762

Inverse Universe

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



53.0756, 0.2866, 0.2951



68.8473, 0.2800, 0.2862



50.8704, 0.2935, 0.2860



13.0857, 0.2981, 0.3103



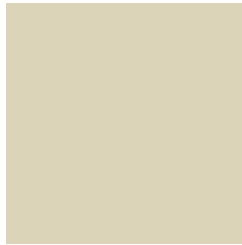
4.4615, 0.1568, 0.0843



0.4186, 0.1653, 0.1149

Previews

White Background



This preview shows how the Yxy color 65.7633, 0.3386, 0.3608 looks on a white background.

Color Contrast Check

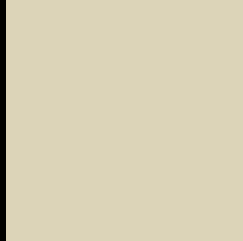
Large Text (above 18pt) WCAG AA × Fail

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 65.7633, 0.3386, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

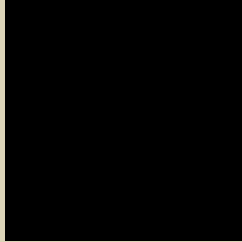
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

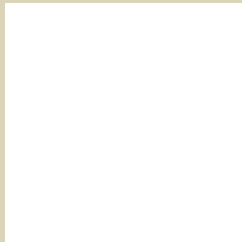
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7633, 0.3386, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 65.7633, 0.3386, 0.3608.

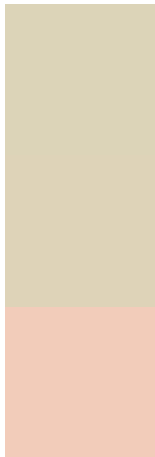


This preview shows how white text looks on a background with the Yxy color 65.7633, 0.3386, 0.3608.

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

65.7633, 0.3386, 0.3608

Protanopia

65.5788, 0.3403, 0.3596

Deuteranopia

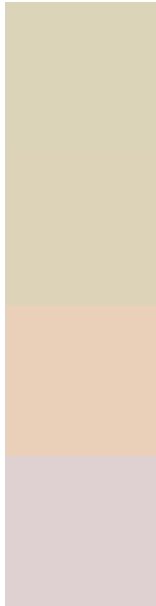
65.6081, 0.3563, 0.3485



Tritanopia

65.4779, 0.3151, 0.3105

Trichromacy



Original Color

65.7633, 0.3386, 0.3608

Protanomaly

65.4214, 0.3395, 0.3596

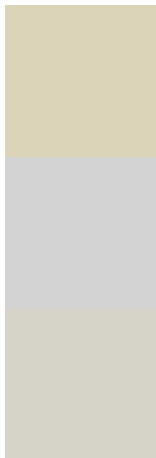
Deuteranomaly

65.6209, 0.3499, 0.3533

Tritanomaly

65.4032, 0.3234, 0.3279

Monochromacy



Original Color

65.7633, 0.3386, 0.3608

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1017, 0.3219, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7633, 0.3386, 0.3608 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(220, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 184)  
}
```

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(220, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 184) }
```

Border

The CSS property to change the border of an element to Yxy 65.7633, 0.3386, 0.3608 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(220, 212, 184) }
```

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

```
.border{ border-color:rgb(220, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7633, 0.3386, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 184) }
```

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

```
.background{ background-color: rgb(220,  
212, 184) }
```

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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