

Converting Colors

$Yxy(65.6283, 0.3306, 0.3635)$

Have a look what the booklet for
Yxy(65.6283, 0.3306, 0.3635)
contains.

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Color

Yxy(65.4448, 0.3306, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	D3D6B9
RGB	211, 214, 185
RGB Percent	83%, 84%, 73%
CMY	0.1725, 0.1608, 0.2746
CMYK	0.01, 0.00, 0.14, 0.16
HSL	66°, 26%, 78%
HSV	66°, 14%, 84%
XYZ	59.6692, 65.4448, 55.3736
YIQ	209.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

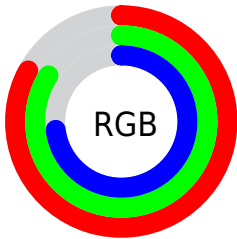
Format	Color
R_{YB}	185, 214, 188
Decimal	13883065
CIE _{Lab}	84.71, -5.98, 14.00
CIE _{LCh}	85, 15.224, 113.117
Yxy	65.4448, 0.3306, 0.3626
Android (android.graphics.Color)	4292073145 (0xFFD3D6B9)
YUV	209.7970, -12.2249, 1.0550
Hunter-Lab	80.8980, -9.9123, 16.0453

Details

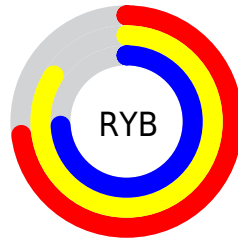
The Yxy color **65.4448, 0.3306, 0.3626** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.2310, 0.2934, 0.2936**, and the grayscale version is **64.3889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **33.5301, 0.3345, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **64.2881, 0.3440, 0.3883**, and if you desaturate by 10%, it is **66.7477, 0.3173, 0.3376**.

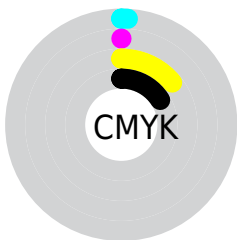
Distribution



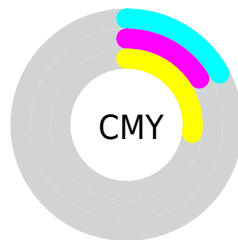
- Red (83%)
- Green (84%)
- Blue (73%)



- Red (73%)
- Yellow (84%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)





- Cyan (17%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4448, 0.3306, 0.3626 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 65.4448, 0.3306, 0.3626 by changing the saturation by 10% instead.


 65.4448, 0.3306,
0.3626

 65.4448, 0.3306,
0.3626


444.3887, 0.3223,
0.3466

 47.8218, 0.3325,
0.3664


 112.6891, 0.3277,
0.3569

 33.6858, 0.3349,
0.3711


143.0792, 0.3266,
0.3548

 22.6523, 0.3379,
0.3772


178.4939, 0.3256,
0.3529

 14.3370, 0.3418,
0.3854

219.3174, 0.3248,
0.3513

 8.3554, 0.3471,
0.3969

265.9343, 0.3240,
0.3499

 4.3232, 0.3547,
0.4140

318.7289, 0.3234,

 1.8560, 0.3668,

0.3486

0.4433

378.0855, 0.3228,
0.3475

0.5217, 0.4015,
0.5985

0.0000, 0.0000,
0.0000

65.4448, 0.3306,
0.3626

65.4448, 0.3306,
0.3626

64.2881, 0.3440,
0.3883

66.7477, 0.3173,
0.3376

63.2629, 0.3571,
0.4139


68.1940, 0.3045,
0.3139

62.3656, 0.3693,
0.4387


69.7918, 0.2924,
0.2916


61.5890, 0.3802,
0.4616

70.5018, 0.2903,
0.2860


 60.9255, 0.3892,
0.4815


 70.8471, 0.2918,
0.2862


 60.3661, 0.3958,
0.4976

 71.1969, 0.2933,
0.2864

 59.9008, 0.3998,
0.5093

 71.5512, 0.2947,
0.2866

 59.5173, 0.4012,
0.5166

 71.9101, 0.2962,
0.2868

 59.3004, 0.4012,
0.5196

 72.2736, 0.2977,
0.2869

Harmonies

Analogous

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



65.4448, 0.3449, 0.3583



65.4448, 0.3306, 0.3626



65.4448, 0.3118, 0.3573

Triad

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



65.4448, 0.3306, 0.3626



65.4448, 0.2764, 0.3100



65.4448, 0.3315, 0.3148

Complementary

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



65.4448, 0.3306, 0.3626



50.2310, 0.2934, 0.2936

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.



65.4448, 0.3127, 0.3028



65.4448, 0.3306, 0.3626



65.4448, 0.2812, 0.2997

Square

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



65.4448, 0.3306, 0.3626



65.4448, 0.2809, 0.3261



65.4448, 0.2943, 0.2972



65.4448, 0.3455, 0.3305

Rectangle

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



65.4448, 0.3306, 0.3626



65.4448, 0.2994, 0.3490



65.4448, 0.2943, 0.2972



65.4448, 0.3255, 0.3102

Sweetspot

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



65.4477, 0.3306, 0.3626



99.1620, 0.3180, 0.3388



53.7141, 0.3370, 0.3325



21.1919, 0.3190, 0.3407



0.0000, 0.0000, 0.0000



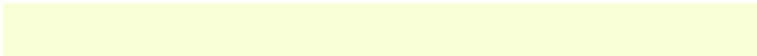
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4477, 0.3306, 0.3626



96.8582, 0.3341, 0.3692



63.4110, 0.3196, 0.3638



14.4521, 0.3251, 0.3521



35.8690, 0.4015, 0.5194



2.1826, 0.4048, 0.5168

Inverse Universe

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



50.2310, 0.2934, 0.2936



70.3809, 0.2893, 0.2861



52.1557, 0.3049, 0.2948



12.0692, 0.2997, 0.3050



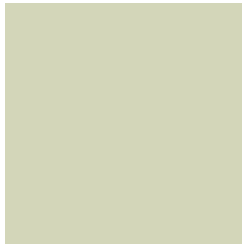
3.0590, 0.1538, 0.0621



0.2058, 0.1641, 0.0678

Previews

White Background



This preview shows how the Yxy color 65.4448, 0.3306, 0.3626 looks on a white background.

Color Contrast Check

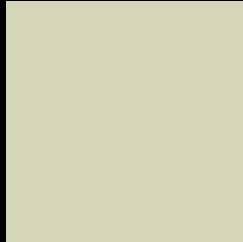
Large Text (above 18pt) WCAG AA × Fail

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 65.4448, 0.3306, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

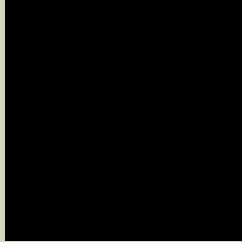
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

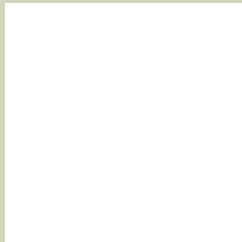
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4448, 0.3306, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 65.4448, 0.3306, 0.3626.



This preview shows how white text looks on a background with the Yxy color 65.4448, 0.3306, 0.3626.

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

65.4448, 0.3306, 0.3626

Protanopia

65.5370, 0.3411, 0.3607

Deuteranopia

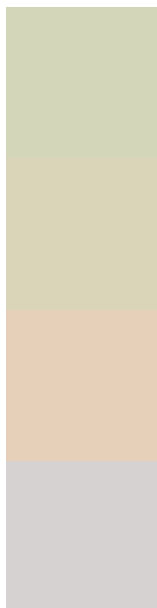
65.4744, 0.3547, 0.3475



Tritanopia

65.2997, 0.3077, 0.3102

Trichromacy



Original Color

65.4448, 0.3306, 0.3626

Protanomaly

65.4531, 0.3370, 0.3610

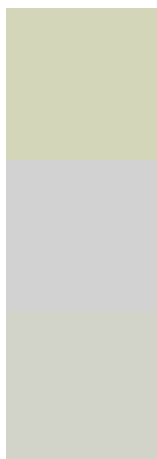
Deuteranomaly

65.4799, 0.3458, 0.3535

Tritanomaly

65.1934, 0.3164, 0.3290

Monochromacy



Original Color

65.4448, 0.3306, 0.3626

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5072, 0.3189, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4448, 0.3306, 0.3626 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(211, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 185)  
}
```

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(211, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 185) }
```

Border

The CSS property to change the border of an element to Yxy 65.4448, 0.3306, 0.3626 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(211, 214, 185) }
```

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

```
.border{ border-color:rgb(211, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4448, 0.3306, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 185) }
```

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

```
.background{ background-color: rgb(211,  
214, 185) }
```

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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