

Converting Colors

Yxy(65.2047, 0.3353, 0.3696)

Have a look what the booklet for
Yxy(65.2047, 0.3353, 0.3696)
contains.

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Color

Yxy(65.3449, 0.3356, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	D4D6B3
RGB	212, 214, 179
RGB Percent	83%, 84%, 70%
CMY	0.1686, 0.1608, 0.2981
CMYK	0.01, 0.00, 0.16, 0.16
HSL	63°, 30%, 77%
HSV	63°, 16%, 84%
XYZ	59.3337, 65.3449, 52.1203
YIQ	209.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

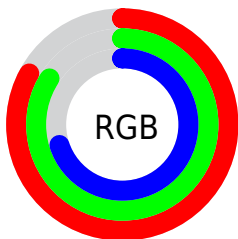
Format	Color
R _{YB}	179, 214, 181
Decimal	13948595
CIE Lab	84.66, -6.56, 17.10
CIE LCh	85, 18.317, 110.985
Yxy	65.3449, 0.3356, 0.3696
Android (android.graphics.Color)	4292138675 (0xFFD4D6B3)
YUV	209.4120, -14.9931, 2.2697
Hunter-Lab	80.8362, -10.4444, 18.3572

Details

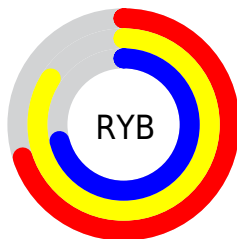
The Yxy color **65.3449, 0.3356, 0.3696** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9073, 0.2877, 0.2853**, and the grayscale version is **64.1396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **33.4707, 0.3411, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **64.3672, 0.3498, 0.3951**, and if you desaturate by 10%, it is **66.4642, 0.3215, 0.3445**.

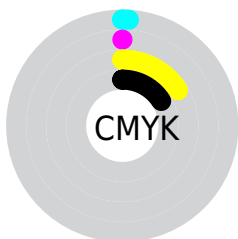
Distribution



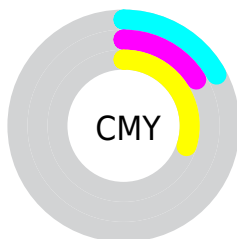
- Red (83%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (71%)



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





- Cyan (17%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3449, 0.3356, 0.3696 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 65.3449, 0.3356, 0.3696 by changing the saturation by 10% instead.


 65.3449, 0.3356,
0.3696

 65.3449, 0.3356,
0.3696


444.0304, 0.3250,
0.3502

 47.7408, 0.3380,
0.3742

 112.5456, 0.3319,
0.3627

 33.6217, 0.3410,
0.3799


142.9109, 0.3305,
0.3601

 22.6031, 0.3448,
0.3873


178.2988, 0.3292,
0.3579

 14.3007, 0.3498,
0.3971

219.0937, 0.3281,
0.3559

 8.3301, 0.3564,
0.4109

265.6799, 0.3272,
0.3542

 4.3069, 0.3657,
0.4314

318.4418, 0.3264,

 1.8467, 0.3839,

0.3527

0.4705

377.7638, 0.3256,
0.3514

0.5160, 0.3903,
0.6097

0.0000, 0.0000,
0.0000

65.3449, 0.3356,
0.3696

65.3449, 0.3356,
0.3696

64.3672, 0.3498,
0.3951

66.4642, 0.3215,
0.3445

63.5161, 0.3635,
0.4201


67.7221, 0.3078,
0.3204

62.7880, 0.3763,
0.4438

69.1270, 0.2948,
0.2976


62.1755, 0.3875,
0.4651


70.0515, 0.2883,
0.2858


 61.6706, 0.3967,
0.4830


 70.2394, 0.2892,
0.2859

 61.2642, 0.4034,
0.4970


 70.4286, 0.2900,
0.2860

 60.9458, 0.4074,
0.5065

 70.6192, 0.2908,
0.2861

 60.7018, 0.4090,
0.5118

 70.8112, 0.2916,
0.2862

 60.6229, 0.4093,
0.5132

 71.0047, 0.2924,
0.2863

Harmonies

Analogous

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



65.3449, 0.3523, 0.3634



65.3449, 0.3356, 0.3696



65.3449, 0.3132, 0.3642

Triad

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



65.3449, 0.3356, 0.3696



65.3449, 0.2693, 0.3071



65.3449, 0.3339, 0.3107

Complementary

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



65.3449, 0.3356, 0.3696



46.9073, 0.2877, 0.2853

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.



65.3449, 0.3109, 0.2969



65.3449, 0.3356, 0.3696



65.3449, 0.2742, 0.2943

Square

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



65.3449, 0.3356, 0.3696



65.3449, 0.2754, 0.3269



65.3449, 0.2892, 0.2909



65.3449, 0.3514, 0.3292

Rectangle

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



65.3449, 0.3356, 0.3696



65.3449, 0.2981, 0.3544



65.3449, 0.2892, 0.2909



65.3449, 0.3265, 0.3054

Sweetspot

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



65.3478, 0.3356, 0.3696



99.0680, 0.3197, 0.3413



50.4882, 0.3433, 0.3312



21.1775, 0.3206, 0.3430



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.



65.3478, 0.3356, 0.3696



96.5915, 0.3410, 0.3794



62.9174, 0.3224, 0.3713



14.4822, 0.3258, 0.3521



36.6561, 0.4094, 0.5131



2.2222, 0.4113, 0.5117

Inverse Universe

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



46.9073, 0.2877, 0.2853



63.6585, 0.2811, 0.2738



49.1252, 0.3016, 0.2871



12.0422, 0.2990, 0.3049



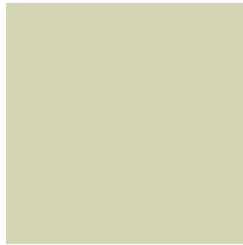
2.9975, 0.1519, 0.0611



0.1930, 0.1579, 0.0644

Previews

White Background



This preview shows how the Yxy color 65.3449, 0.3356, 0.3696 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 65.3449, 0.3356, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

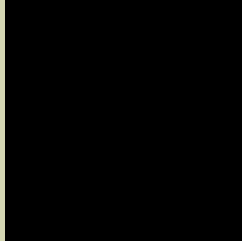
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

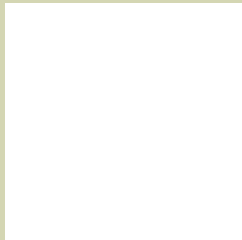
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3449, 0.3356, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 65.3449, 0.3356, 0.3696.



This preview shows how white text looks on a background with the Yxy color 65.3449, 0.3356, 0.3696.

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

65.3449, 0.3356, 0.3696

Protanopia

65.4508, 0.3462, 0.3675

Deuteranopia

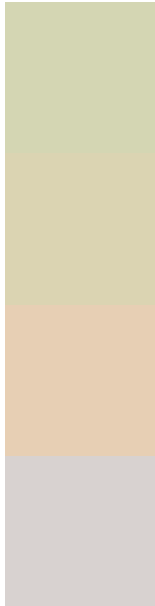
64.9253, 0.3604, 0.3529



Tritanopia

65.3990, 0.3091, 0.3114

Trichromacy



Original Color

65.3449, 0.3356, 0.3696

Protanomaly

65.3614, 0.3421, 0.3678

Deuteranomaly

64.9099, 0.3513, 0.3591

Tritanomaly

65.2462, 0.3186, 0.3313

Monochromacy



Original Color

65.3449, 0.3356, 0.3696

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3674, 0.3210, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3449, 0.3356, 0.3696 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(212, 214, 179)` looks like.

```
.text, #text, p{  
    color:rgb(212, 214, 179)  
}
```

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(212, 214, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 214, 179) }
```

Border

The CSS property to change the border of an element to Yxy 65.3449, 0.3356, 0.3696 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(212, 214, 179) }
```

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

```
.border{ border-color:rgb(212, 214, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 214, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 214, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 214, 179); box-shadow:4px 4px 4px 4px rgb(212, 214, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3449, 0.3356, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 214, 179) }
```

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

```
.background{ background-color: rgb(212,  
214, 179) }
```

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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