

Converting Colors

Yxy(66.0458, 0.3336, 0.3623)

Have a look what the booklet for
Yxy(66.0458, 0.3336, 0.3623)
contains.

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Color

Yxy(66.0430, 0.3336, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	D7D6B9
RGB	215, 214, 185
RGB Percent	84%, 84%, 73%
CMY	0.1571, 0.1607, 0.2746
CMYK	0.00, 0.00, 0.14, 0.16
HSL	58°, 27%, 78%
HSV	58°, 14%, 84%
XYZ	60.8113, 66.0430, 55.4338
YIQ	210.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

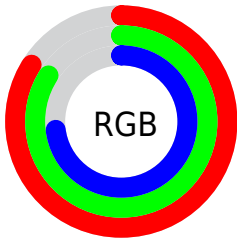
Format	Color
R _{YB}	186, 215, 185
Decimal	14145209
CIE Lab	85.02, -4.58, 14.47
CIE LCh	85, 15.179, 107.567
Yxy	66.0430, 0.3336, 0.3623
Android (android.graphics.Color)	4292335289 (0xFFD7D6B9)
YUV	210.9930, -12.8145, 3.5141
Hunter-Lab	81.2668, -8.6469, 16.4438

Details

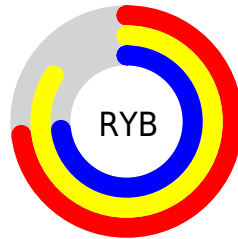
The Yxy color **66.0430, 0.3336, 0.3623** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.2873, 0.2905, 0.2934**, and the grayscale version is **65.2129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **33.9358, 0.3386, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **64.8784, 0.3490, 0.3868**, and if you desaturate by 10%, it is **67.3520, 0.3185, 0.3382**.

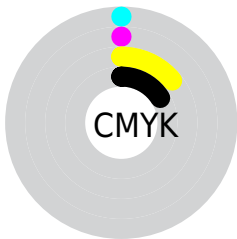
Distribution



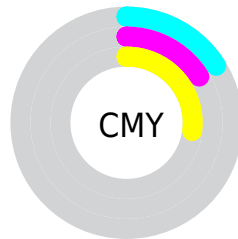
- Red (84%)
- Green (84%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0430, 0.3336, 0.3623 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 66.0430, 0.3336, 0.3623 by changing the saturation by 10% instead.

■ 66.0430, 0.3336,
0.3623

■ 66.0430, 0.3336,
0.3623

446.5306, 0.3238,
0.3465

■ 48.3073, 0.3358,
0.3660

■ 113.5480, 0.3302,
0.3567

■ 34.0703, 0.3386,
0.3707

144.0862, 0.3289,
0.3546

■ 22.9476, 0.3422,
0.3766

179.6606, 0.3278,
0.3527

■ 14.5548, 0.3468,
0.3846

220.6557, 0.3268,
0.3512

■ 8.5076, 0.3531,
0.3957

267.4559, 0.3259,
0.3498

■ 4.4214, 0.3621,
0.4121

320.4455, 0.3251,

■ 1.9120, 0.3765,

0.3485

0.4398

380.0089, 0.3245,
0.3474

■ 0.5556, 0.4283,
0.5717

■ 0.0000, 0.0000,
0.0000

■ 66.0430, 0.3336,
0.3623

■ 66.0430, 0.3336,
0.3623

■ 64.8784, 0.3490,
0.3868

■ 67.3520, 0.3185,
0.3382

■ 63.8432, 0.3643,
0.4109

■ 68.8023, 0.3040,
0.3151

■ 62.9339, 0.3790,
0.4337

■ 70.4023, 0.2905,
0.2933

■ 62.1431, 0.3923,
0.4543

■ 71.0862, 0.2871,
0.2884

61.4630, 0.4038,
0.4718

71.4201, 0.2872,
0.2891

60.8847, 0.4129,
0.4853

71.7553, 0.2872,
0.2898

60.3979, 0.4194,
0.4945

72.0919, 0.2872,
0.2905

59.9902, 0.4233,
0.4995

72.4297, 0.2873,
0.2912

59.7685, 0.4247,
0.5010

72.7689, 0.2873,
0.2919

Harmonies

Analogous

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



66.0430, 0.3464, 0.3564



66.0430, 0.3336, 0.3623



66.0430, 0.3154, 0.3588

Triad

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



66.0430, 0.3336, 0.3623



66.0430, 0.2768, 0.3127



66.0430, 0.3282, 0.3123

Complementary

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



66.0430, 0.3336, 0.3623



50.2873, 0.2905, 0.2934

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.



66.0430, 0.3091, 0.3014



66.0430, 0.3336, 0.3623



66.0430, 0.2799, 0.3012

Square

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



66.0430, 0.3336, 0.3623



66.0430, 0.2829, 0.3294



66.0430, 0.2915, 0.2972



66.0430, 0.3433, 0.3275

Rectangle

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



66.0430, 0.3336, 0.3623



66.0430, 0.3028, 0.3515



66.0430, 0.2915, 0.2972



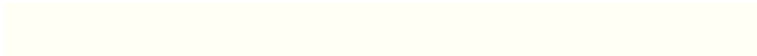
66.0430, 0.3220, 0.3080

Sweetspot

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



66.0459, 0.3336, 0.3623



99.1643, 0.3186, 0.3385



52.6740, 0.3375, 0.3279



21.1924, 0.3198, 0.3403



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.



66.0459, 0.3336, 0.3623



96.6849, 0.3386, 0.3702



64.4792, 0.3228, 0.3645



14.4527, 0.3267, 0.3514



35.8044, 0.4246, 0.5010



2.1802, 0.4236, 0.5018

Inverse Universe

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



50.2873, 0.2905, 0.2934



68.7319, 0.2848, 0.2842



51.7324, 0.3014, 0.2934



12.0681, 0.2981, 0.3056



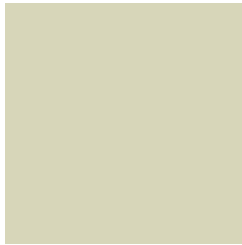
3.0464, 0.1506, 0.0621



0.2054, 0.1524, 0.0685

Previews

White Background



This preview shows how the Yxy color 66.0430, 0.3336, 0.3623 looks on a white background.

Color Contrast Check

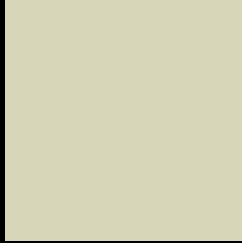
Large Text (above 18pt) WCAG AA × Fail

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 66.0430, 0.3336, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

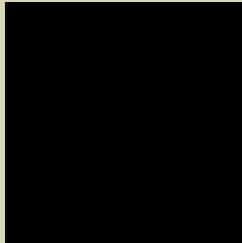
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

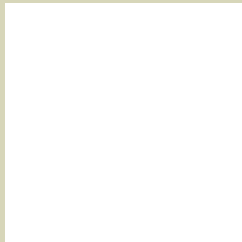
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0430, 0.3336, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 66.0430, 0.3336, 0.3623.



This preview shows how white text looks on a background with the Yxy color 66.0430, 0.3336, 0.3623.

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

66.0430, 0.3336, 0.3623

Protanopia

66.2356, 0.3409, 0.3606

Deuteranopia

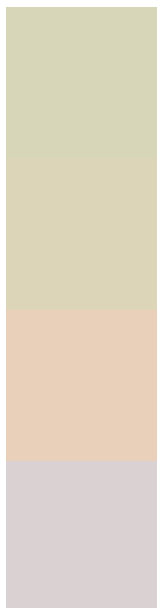
65.6508, 0.3555, 0.3474



Tritanopia

65.7636, 0.3099, 0.3104

Trichromacy



Original Color

66.0430, 0.3336, 0.3623

Protanomaly

66.2648, 0.3384, 0.3619

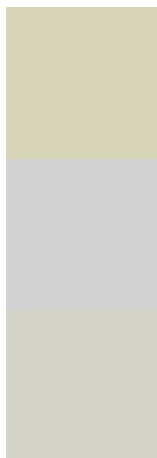
Deuteranomaly

65.8127, 0.3474, 0.3533

Tritanomaly

65.6518, 0.3187, 0.3290

Monochromacy



Original Color

66.0430, 0.3336, 0.3623

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3483, 0.3196, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0430, 0.3336, 0.3623 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(215, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 185) }
```

Border

The CSS property to change the border of an element to Yxy 66.0430, 0.3336, 0.3623 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(215, 214, 185) }
```

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

```
.border{ border-color:rgb(215, 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(215, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 214, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 214, 185); box-shadow:4px 4px 4px 4px rgb(215, 214, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0430, 0.3336, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 185) }
```

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

```
.background{ background-color: rgb(215,  
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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