

Converting Colors

Yxy(66.0421, 0.3285, 0.3454)

Have a look what the booklet for
Yxy(66.0421, 0.3285, 0.3454)
contains.

Yxy(66.1783, 0.3285, 0.3459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.1783, 0.3285, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4C5
RGB	219, 212, 197
RGB Percent	86%, 83%, 77%
CMY	0.1409, 0.1687, 0.2274
CMYK	0.00, 0.03, 0.10, 0.14
HSL	41°, 23%, 82%
HSV	41°, 10%, 86%
XYZ	62.8493, 66.1783, 62.2945
YIQ	212.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

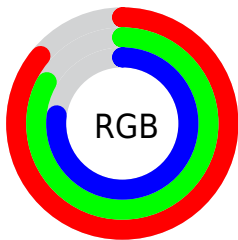
Format	Color
R_{YB}	207, 219, 197
Decimal	14406853
CIE Lab	85.09, -0.12, 8.26
CIE LCh	85, 8.257, 90.821
Yxy	66.1783, 0.3285, 0.3459
Android (android.graphics.Color)	4292596933 (0xFFDBD4C5)
YUV	212.3830, -7.5838, 5.8031
Hunter-Lab	81.3500, -4.4573, 11.5432

Details

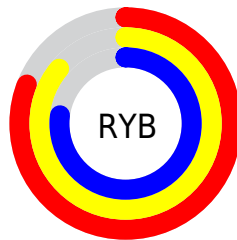
The Yxy color **66.1783, 0.3285, 0.3459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2190, 0.2971, 0.3115**, and the grayscale version is **66.1604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **33.9896, 0.3327, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **61.8108, 0.3458, 0.3635**, and if you desaturate by 10%, it is **70.8506, 0.3128, 0.3291**.

Distribution



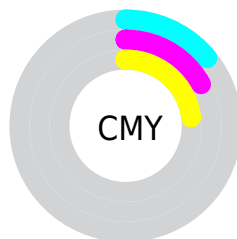
- Red (86%)
- Green (83%)
- Blue (77%)



- Red (81%)
- Yellow (86%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1783, 0.3285, 0.3459 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 66.1783, 0.3285, 0.3459 by changing the saturation by 10% instead.

■ 66.1783, 0.3285,
0.3459

■ 66.1783, 0.3285,
0.3459

447.0143, 0.3211,
0.3379

■ 48.4172, 0.3302,
0.3478

113.7422, 0.3259,
0.3431

■ 34.1574, 0.3324,
0.3501

144.3138, 0.3249,
0.3420

■ 23.0145, 0.3352,
0.3530

179.9242, 0.3240,
0.3411

■ 14.6042, 0.3388,
0.3569

220.9580, 0.3233,
0.3403

■ 8.5421, 0.3439,
0.3624

267.7995, 0.3226,
0.3396

■ 4.4437, 0.3514,
0.3705

320.8331, 0.3220,

■ 1.9248, 0.3636,

0.3390

380.4433, 0.3215,
0.3384

0.3836

0.5632, 0.4705,
0.4977

0.0000, 0.0000,
0.0000

66.1783, 0.3285,
0.3459

66.1783, 0.3285,
0.3459

61.8108, 0.3458,
0.3635

70.8506, 0.3128,
0.3291

57.7311, 0.3645,
0.3814

75.8266, 0.2987,
0.3133

53.9335, 0.3845,
0.3991

80.6085, 0.2904,
0.3063

50.4087, 0.4051,
0.4157

84.6696, 0.2907,
0.3136

■ 47.1467, 0.4259,
0.4303

■ 88.8911, 0.2909,
0.3209

■ 44.1365, 0.4457,
0.4416

■ 93.2747, 0.2912,
0.3281

■ 41.3658, 0.4636,
0.4487

■ 93.8091, 0.2912,
0.3289

■ 38.8205, 0.4787,
0.4508

■ 36.4905, 0.4909,
0.4484

Harmonies

Analogous

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



66.1783, 0.3328, 0.3406



66.1783, 0.3285, 0.3459



66.1783, 0.3200, 0.3467

Triad

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



66.1783, 0.3285, 0.3459



66.1783, 0.2943, 0.3252



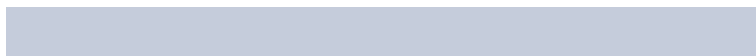
66.1783, 0.3155, 0.3160

Complementary

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



66.1783, 0.3285, 0.3459



60.2190, 0.2971, 0.3115

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.



66.1783, 0.3052, 0.3120



66.1783, 0.3285, 0.3459



66.1783, 0.2931, 0.3171

Square

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



66.1783, 0.3285, 0.3459



66.1783, 0.3003, 0.3346



66.1783, 0.2971, 0.3123



66.1783, 0.3252, 0.3234

Rectangle

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



66.1783, 0.3285, 0.3459



66.1783, 0.3132, 0.3445



66.1783, 0.2971, 0.3123



66.1783, 0.3120, 0.3142

Sweetspot

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



66.1812, 0.3285, 0.3459



97.9608, 0.3173, 0.3340



59.3870, 0.3248, 0.3207



20.8524, 0.3185, 0.3353



0.0000, 0.0000, 0.0000



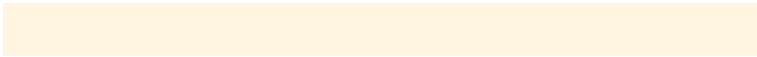
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1812, 0.3285, 0.3459



92.0780, 0.3319, 0.3494



69.2309, 0.3249, 0.3539



14.5226, 0.3275, 0.3448



21.8303, 0.4895, 0.4495



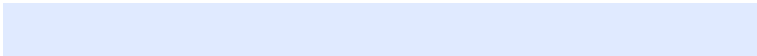
1.5675, 0.4753, 0.4608

Inverse Universe

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



60.2190, 0.2971, 0.3115



82.1016, 0.2938, 0.3077



57.4331, 0.2998, 0.3033



13.2959, 0.2981, 0.3127



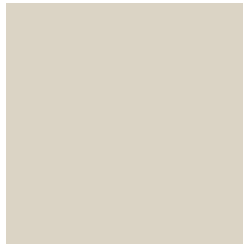
5.8262, 0.1627, 0.1056



0.5305, 0.1718, 0.1385

Previews

White Background



This preview shows how the Yxy color 66.1783, 0.3285, 0.3459 looks on a white background.

Color Contrast Check

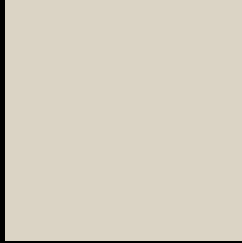
Large Text (above 18pt) WCAG AA × Fail

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 66.1783, 0.3285, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

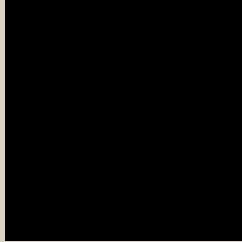
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

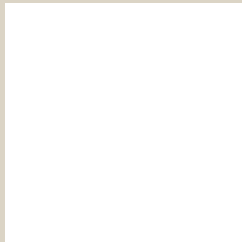
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1783, 0.3285, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 66.1783, 0.3285, 0.3459.

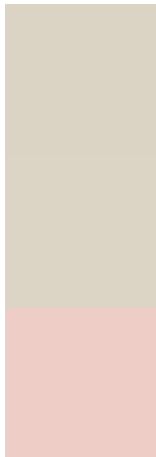


This preview shows how white text looks on a background with the Yxy color 66.1783, 0.3285, 0.3459.

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

66.1783, 0.3285, 0.3459

Protanopia

66.3338, 0.3292, 0.3459

Deuteranopia

65.9170, 0.3436, 0.3366



Tritanopia

66.1815, 0.3128, 0.3116

Trichromacy



Original Color

66.1783, 0.3285, 0.3459

Protanomaly

66.3338, 0.3292, 0.3459

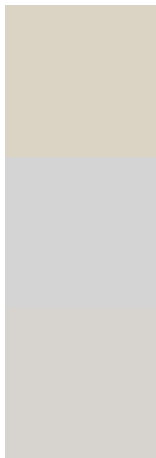
Deuteranomaly

66.1779, 0.3376, 0.3400

Tritanomaly

65.9856, 0.3190, 0.3235

Monochromacy



Original Color

66.1783, 0.3285, 0.3459

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0390, 0.3184, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1783, 0.3285, 0.3459 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(219, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 197)  
}
```

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(219, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.1783, 0.3285, 0.3459 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(219, 212, 197) }
```

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

```
.border{ border-color:rgb(219, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1783, 0.3285, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 197) }
```

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

```
.background{ background-color: rgb(219,  
212, 197) }
```

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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