

Converting Colors

$Yxy(66.1924, 0.3464, 0.3624)$

Have a look what the booklet for
Yxy(66.1924, 0.3464, 0.3624)
contains.

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Color

Yxy(66.2556, 0.3465, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	E3D3B5
RGB	227, 211, 181
RGB Percent	89%, 83%, 71%
CMY	0.1098, 0.1725, 0.2903
CMYK	0.00, 0.07, 0.20, 0.11
HSL	39°, 45%, 80%
HSV	39°, 20%, 89%
XYZ	63.3137, 66.2556, 53.1543
YIQ	212.3640, 19.1660, -5.9380

Conversions

Conversions Part 2

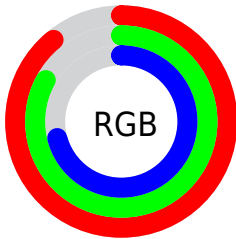
Format	Color
R _Y B	206, 227, 181
Decimal	14930869
CIE Lab	85.13, 0.78, 16.88
CIE LCh	85, 16.895, 87.345
Yxy	66.2556, 0.3465, 0.3626
Android (android.graphics.Color)	4293120949 (0xFFE3D3B5)
YUV	212.3640, -15.4625, 12.8358
Hunter-Lab	81.3975, -3.6024, 18.2607

Details

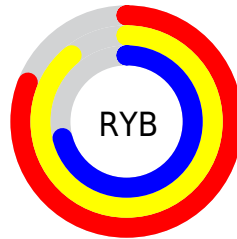
The Yxy color **66.2556, 0.3465, 0.3626** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.2928, 0.2802, 0.2930**, and the grayscale version is **66.1899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **34.3304, 0.3544, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **61.5750, 0.3656, 0.3799**, and if you desaturate by 10%, it is **71.2866, 0.3290, 0.3456**.

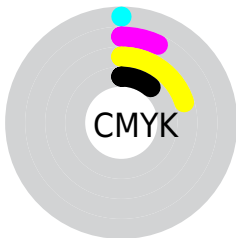
Distribution



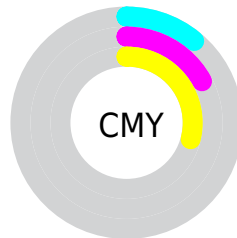
- Red (89%)
- Green (83%)
- Blue (71%)



- Red (81%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2556, 0.3465, 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 66.2556, 0.3465, 0.3626 by changing the saturation by 10% instead.


 66.2556, 0.3465,
0.3626

 66.2556, 0.3465,
0.3626


447.2904, 0.3306,
0.3468

 48.4799, 0.3502,
0.3662


 113.8531, 0.3409,
0.3571

 34.2071, 0.3548,
0.3708

144.4437, 0.3388,
0.3550

 23.0527, 0.3606,
0.3765

180.0748, 0.3369,
0.3531

 14.6325, 0.3683,
0.3840

221.1307, 0.3353,
0.3515

 8.5618, 0.3788,
0.3943

267.9958, 0.3339,
0.3502

 4.4565, 0.3939,
0.4090

321.0545, 0.3327,

 1.9321, 0.4205,

0.3489

0.4347

380.6913, 0.3316,
0.3478

■ 0.5675, 0.4960,
0.5040

■ 0.0000, 0.0000,
0.0000

■ 66.2556, 0.3465,
0.3626

■ 66.2556, 0.3465,
0.3626

■ 61.5750, 0.3656,
0.3799

■ 71.2866, 0.3290,
0.3456

■ 57.2257, 0.3862,
0.3970

■ 76.6687, 0.3131,
0.3294

■ 53.2001, 0.4076,
0.4131

■ 82.4137, 0.2990,
0.3142

■ 49.4866, 0.4293,
0.4271

■ 87.4020, 0.2956,
0.3164

■ 46.0724, 0.4502,
0.4378

■ 92.2178, 0.2957,
0.3244

■ 42.9435, 0.4693,
0.4443

■ 95.0727, 0.2958,
0.3290

■ 40.0836, 0.4855,
0.4456

■ 37.5361, 0.4984,
0.4425

Harmonies

Analogous

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



66.2556, 0.3543, 0.3503



66.2556, 0.3465, 0.3626



66.2556, 0.3297, 0.3661

Triad

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



66.2556, 0.3465, 0.3626



66.2556, 0.2763, 0.3230



66.2556, 0.3157, 0.3016

Complementary

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



66.2556, 0.3465, 0.3626



55.2928, 0.2802, 0.2930

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.



66.2556, 0.2950, 0.2944



66.2556, 0.3465, 0.3626



66.2556, 0.2728, 0.3058

Square

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



66.2556, 0.3465, 0.3626



66.2556, 0.2893, 0.3426



66.2556, 0.2795, 0.2957



66.2556, 0.3362, 0.3156

Rectangle

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



66.2556, 0.3465, 0.3626



66.2556, 0.3158, 0.3624



66.2556, 0.2795, 0.2957



66.2556, 0.3085, 0.2983

Sweetspot

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



66.2586, 0.3465, 0.3626



95.7059, 0.3220, 0.3387



53.4063, 0.3393, 0.3108



20.3871, 0.3231, 0.3397



0.0000, 0.0000, 0.0000



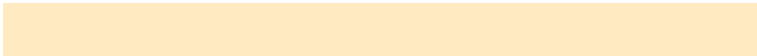
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2586, 0.3465, 0.3626



83.8322, 0.3537, 0.3693



73.5117, 0.3381, 0.3803



15.9293, 0.3276, 0.3443



22.1149, 0.4969, 0.4436



1.8064, 0.4827, 0.4549

Inverse Universe

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



55.2928, 0.2802, 0.2930



67.3047, 0.2735, 0.2851



49.2614, 0.2841, 0.2739



14.7027, 0.2981, 0.3132



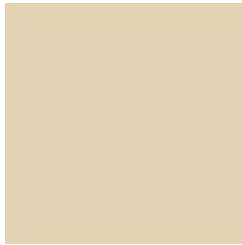
6.6871, 0.1645, 0.1121



0.6630, 0.1726, 0.1414

Previews

White Background



This preview shows how the Yxy color 66.2556, 0.3465, 0.3626 looks on a white background.

Color Contrast Check

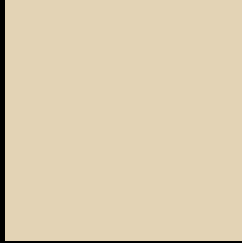
Large Text (above 18pt) WCAG AA × Fail

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 66.2556, 0.3465, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

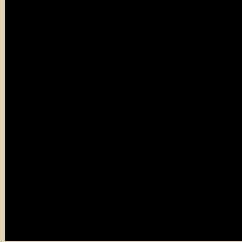
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

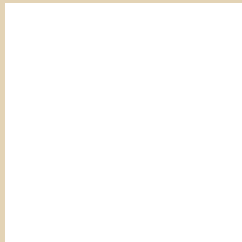
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2556, 0.3465, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 66.2556, 0.3465, 0.3626.



This preview shows how white text looks on a background with the Yxy color 66.2556, 0.3465, 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

66.2556, 0.3465, 0.3626

Protanopia

66.3117, 0.3432, 0.3628

Deuteranopia

66.2731, 0.3607, 0.3538



Tritanopia

66.0389, 0.3219, 0.3119

Trichromacy



Original Color

66.2556, 0.3465, 0.3626

Protanomaly

66.4719, 0.3440, 0.3627

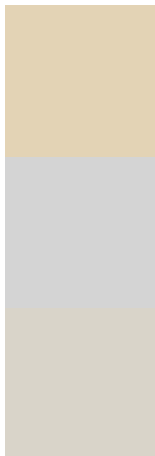
Deuteranomaly

66.1802, 0.3554, 0.3563

Tritanomaly

65.9049, 0.3311, 0.3301

Monochromacy



Original Color

66.2556, 0.3465, 0.3626

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0557, 0.3241, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2556, 0.3465, 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(227, 211, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 181)  
}
```

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(227, 211, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 181) }
```

Border

The CSS property to change the border of an element to Yxy 66.2556, 0.3465, 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(227, 211, 181) }
```

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

```
.border{ border-color:rgb(227, 211, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2556, 0.3465, 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(227, 211, 181) }
```

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

```
.background{ background-color: rgb(227,  
211, 181) }
```

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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