

Converting Colors

Yxy(66.8739, 0.3314, 0.3586)

Have a look what the booklet for
Yxy(66.8739, 0.3314, 0.3586)
contains.

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Color

Yxy(66.8739, 0.3314, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	D8D7BD
RGB	216, 215, 189
RGB Percent	85%, 84%, 74%
CMY	0.1530, 0.1568, 0.2587
CMYK	0.00, 0.00, 0.12, 0.15
HSL	58°, 26%, 79%
HSV	58°, 12%, 85%
XYZ	61.8015, 66.8739, 57.8107
YIQ	212.3350, 8.9420, -7.8740

Conversions

Conversions Part 2

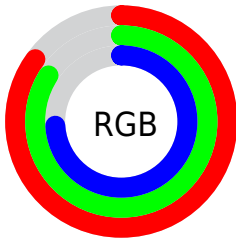
Format	Color
RYB	190, 216, 189
Decimal	14211005
CIELab	85.44, -4.07, 12.95
CIELCh	85, 13.573, 107.466
Yxy	66.8739, 0.3314, 0.3586
Android (android.graphics.Color)	4292401085 (0xFFD8D7BD)
YUV	212.3350, -11.5042, 3.2142
Hunter-Lab	81.7765, -8.2098, 15.3293

Details

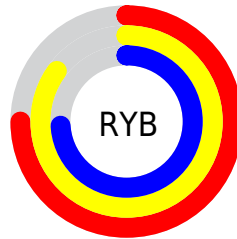
The Yxy color **66.8739, 0.3314, 0.3586** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.6037, 0.2930, 0.2976**, and the grayscale version is **66.1470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **34.4963, 0.3356, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **65.6145, 0.3469, 0.3829**, and if you desaturate by 10%, it is **68.2807, 0.3163, 0.3348**.

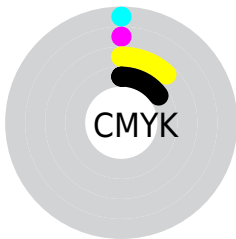
Distribution



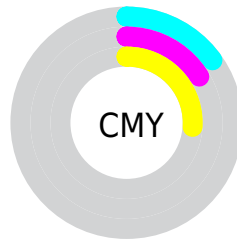
- Red (85%)
- Green (84%)
- Blue (74%)



- Red (75%)
- Yellow (85%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8739, 0.3314, 0.3586 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 66.8739, 0.3314, 0.3586 by changing the saturation by 10% instead.

66.8739, 0.3314,
0.3586

66.8739, 0.3314,
0.3586

449.4958, 0.3227,
0.3446

48.9822, 0.3334,
0.3619

114.7397, 0.3284,
0.3537

34.6053, 0.3359,
0.3660

145.4826, 0.3272,
0.3518

23.3590, 0.3390,
0.3713

181.2779, 0.3262,
0.3501

14.8588, 0.3432,
0.3783

222.5101, 0.3253,
0.3487

8.7204, 0.3488,
0.3880

269.5636, 0.3245,
0.3475

4.5592, 0.3570,
0.4025

322.8228, 0.3238,

1.9911, 0.3695,

0.3464

0.4260

382.6721, 0.3232,
0.3454

0.6023, 0.4399,
0.5601

0.0000, 0.0000,
0.0000

66.8739, 0.3314,
0.3586

66.8739, 0.3314,
0.3586

65.6145, 0.3469,
0.3829

68.2807, 0.3163,
0.3348

64.4875, 0.3623,
0.4070

69.8319, 0.3020,
0.3119

63.4893, 0.3771,
0.4300

71.5359, 0.2886,
0.2905

62.6128, 0.3908,
0.4510

72.0119, 0.2879,
0.2901

61.8499, 0.4028,
0.4689

72.4142, 0.2879,
0.2910

61.1919, 0.4124,
0.4830

72.8184, 0.2880,
0.2918

60.6286, 0.4194,
0.4928

73.2245, 0.2880,
0.2926

60.1478, 0.4238,
0.4982

73.6324, 0.2880,
0.2935

59.8249, 0.4258,
0.5001

74.0422, 0.2881,
0.2943

Harmonies

Analogous

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



66.8739, 0.3428, 0.3534



66.8739, 0.3314, 0.3586



66.8739, 0.3152, 0.3555

Triad

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



66.8739, 0.3314, 0.3586



66.8739, 0.2806, 0.3146



66.8739, 0.3265, 0.3140

Complementary

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



66.8739, 0.3314, 0.3586



52.6037, 0.2930, 0.2976

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.



66.8739, 0.3095, 0.3043



66.8739, 0.3314, 0.3586



66.8739, 0.2834, 0.3042

Square

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



66.8739, 0.3314, 0.3586



66.8739, 0.2861, 0.3295



66.8739, 0.2938, 0.3006



66.8739, 0.3399, 0.3277

Rectangle

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



66.8739, 0.3314, 0.3586



66.8739, 0.3040, 0.3490



66.8739, 0.2938, 0.3006



66.8739, 0.3210, 0.3102

Sweetspot

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



66.8768, 0.3314, 0.3586



99.1275, 0.3187, 0.3384



54.7373, 0.3342, 0.3275



21.1831, 0.3198, 0.3402



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.



66.8768, 0.3314, 0.3586



96.9060, 0.3355, 0.3651



65.5907, 0.3221, 0.3605



14.4401, 0.3267, 0.3512



35.4549, 0.4256, 0.5002



2.1628, 0.4245, 0.5012

Inverse Universe

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



52.6037, 0.2930, 0.2976



72.1383, 0.2884, 0.2902



53.8036, 0.3024, 0.2973



12.0792, 0.2981, 0.3058



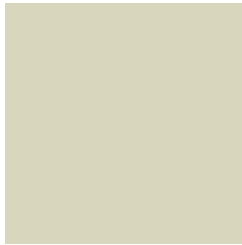
3.0674, 0.1507, 0.0624



0.2107, 0.1528, 0.0701

Previews

White Background



This preview shows how the Yxy color 66.8739, 0.3314, 0.3586 looks on a white background.

Color Contrast Check

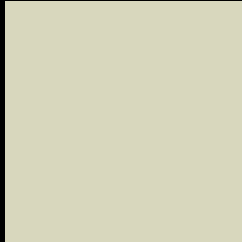
Large Text (above 18pt) WCAG AA × Fail

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 66.8739, 0.3314, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

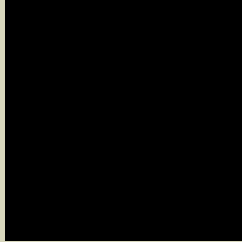
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

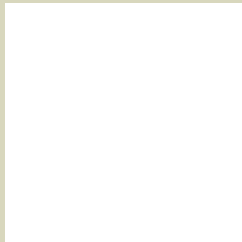
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8739, 0.3314, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 66.8739, 0.3314, 0.3586.



This preview shows how white text looks on a background with the Yxy color 66.8739, 0.3314, 0.3586.

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

66.8739, 0.3314, 0.3586

Protanopia

66.9073, 0.3379, 0.3571

Deuteranopia

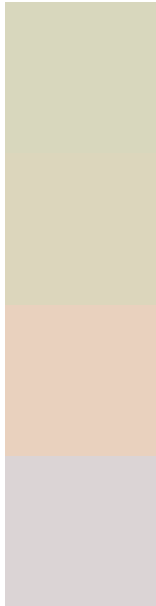
66.7814, 0.3520, 0.3452



Tritanopia

66.9563, 0.3099, 0.3115

Trichromacy



Original Color

66.8739, 0.3314, 0.3586

Protanomaly

66.9396, 0.3354, 0.3584

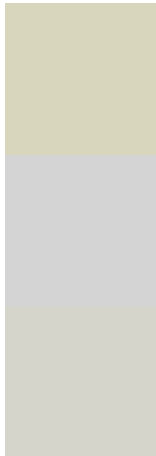
Deuteranomaly

66.6423, 0.3450, 0.3499

Tritanomaly

66.9511, 0.3172, 0.3279

Monochromacy



Original Color

66.8739, 0.3314, 0.3586

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0943, 0.3189, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8739, 0.3314, 0.3586 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(216, 215, 189)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 189)  
}
```

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(216, 215, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 189) }
```

Border

The CSS property to change the border of an element to Yxy 66.8739, 0.3314, 0.3586 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(216, 215, 189) }
```

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

```
.border{ border-color:rgb(216, 215, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 215, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 189);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8739, 0.3314, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 189) }
```

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

```
.background{ background-color: rgb(216,  
215, 189) }
```

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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