

Converting Colors

Yxy(68.4697, 0.3198, 0.3346)

Have a look what the booklet for
Yxy(68.4697, 0.3198, 0.3346)
contains.

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Color

Yxy(68.4697, 0.3198, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	DCD7D2
RGB	220, 215, 210
RGB Percent	86%, 84%, 82%
CMY	0.1373, 0.1568, 0.1766
CMYK	0.00, 0.02, 0.05, 0.14
HSL	30°, 13%, 84%
HSV	30°, 5%, 86%
XYZ	65.4412, 68.4697, 70.7206
YIQ	215.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

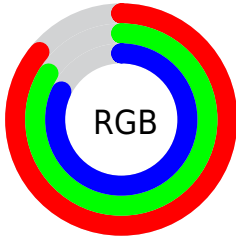
Format	Color
R_{YB}	220, 220, 210
Decimal	14473170
CIE Lab	86.24, 0.82, 3.07
CIE LCh	86, 3.180, 75.105
Yxy	68.4697, 0.3198, 0.3346
Android (android.graphics.Color)	4292663250 (0xFFDCD7D2)
YUV	215.9250, -2.9210, 3.5738
Hunter-Lab	82.7464, -3.6370, 7.2493

Details

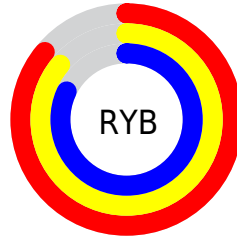
The Yxy color **68.4697, 0.3198, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4340, 0.3058, 0.3233**, and the grayscale version is **68.6326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5412, 0.3211, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **62.0745, 0.3370, 0.3475**, and if you desaturate by 10%, it is **75.3926, 0.3048, 0.3225**.

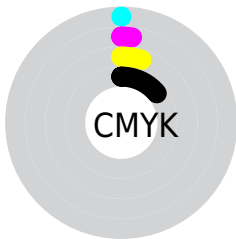
Distribution



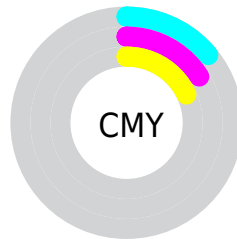
- Red (86%)
- Green (84%)
- Blue (82%)



- Red (86%)
- Yellow (86%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4697, 0.3198, 0.3346 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 68.4697, 0.3198, 0.3346 by changing the saturation by 10% instead.

■ 68.4697, 0.3198,
0.3346

■ 68.4697, 0.3198,
0.3346

455.1584, 0.3165,
0.3320

■ 50.2800, 0.3206,
0.3352

117.0238, 0.3186,
0.3337

■ 35.6359, 0.3215,
0.3360

148.1570, 0.3182,
0.3333

■ 24.1531, 0.3227,
0.3369

184.3734, 0.3178,
0.3330

■ 15.4472, 0.3244,
0.3382

226.0575, 0.3175,
0.3328

■ 9.1339, 0.3266,
0.3399

273.5937, 0.3172,
0.3325

■ 4.8286, 0.3299,
0.3425

327.3663, 0.3169,

■ 2.1471, 0.3353,

0.3323

0.3466

387.7597, 0.3167,
0.3322

0.6909, 0.3552,
0.3627

0.0000, 0.0000,
0.0000

68.4697, 0.3198,
0.3346

68.4697, 0.3198,
0.3346

62.0745, 0.3370,
0.3475

75.3926, 0.3048,
0.3225

56.1848, 0.3565,
0.3609

82.8469, 0.2917,
0.3113

50.7897, 0.3785,
0.3746

89.4231, 0.2915,
0.3216

45.8744, 0.4029,
0.3879

93.9527, 0.2917,
0.3289

■ 41.4234, 0.4292,
0.3999

■ 37.4201, 0.4566,
0.4096

■ 33.8466, 0.4838,
0.4156

■ 30.6829, 0.5091,
0.4168

■ 27.9065, 0.5308,
0.4125

Harmonies

Analogous

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



68.4697, 0.3203, 0.3319



68.4697, 0.3198, 0.3346



68.4697, 0.3174, 0.3358

Triad

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



68.4697, 0.3198, 0.3346



68.4697, 0.3067, 0.3295



68.4697, 0.3117, 0.3230

Complementary

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



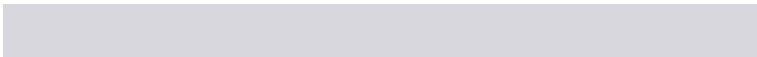
68.4697, 0.3198, 0.3346



67.4340, 0.3058, 0.3233

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.



68.4697, 0.3081, 0.3223



68.4697, 0.3198, 0.3346



68.4697, 0.3052, 0.3260

Square

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



68.4697, 0.3198, 0.3346



68.4697, 0.3098, 0.3328



68.4697, 0.3057, 0.3234



68.4697, 0.3157, 0.3253

Rectangle

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



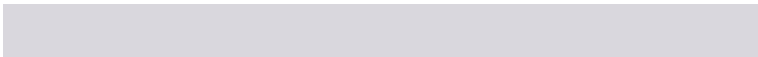
68.4697, 0.3198, 0.3346



68.4697, 0.3150, 0.3356



68.4697, 0.3057, 0.3234



68.4697, 0.3104, 0.3226

Sweetspot

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



68.4727, 0.3198, 0.3346



99.0321, 0.3142, 0.3302



66.1974, 0.3167, 0.3235



21.2072, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



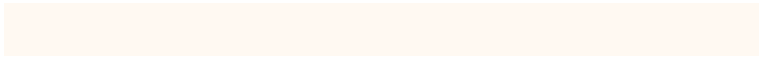
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4727, 0.3198, 0.3346



95.2350, 0.3206, 0.3352



71.0411, 0.3194, 0.3400



14.6609, 0.3216, 0.3360



15.8027, 0.5389, 0.4103



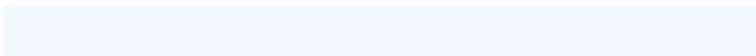
1.1961, 0.5143, 0.4299

Inverse Universe

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



67.4340, 0.3058, 0.3233



93.6319, 0.3050, 0.3227



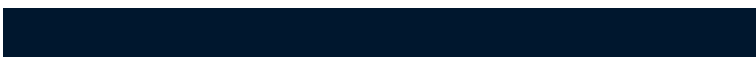
64.9435, 0.3059, 0.3177



14.3834, 0.3041, 0.3219



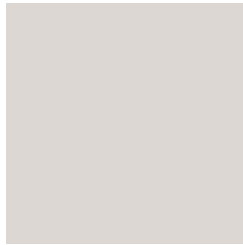
9.6966, 0.1770, 0.1573



0.8005, 0.1853, 0.1870

Previews

White Background



This preview shows how the Yxy color 68.4697, 0.3198, 0.3346 looks on a white background.

Color Contrast Check

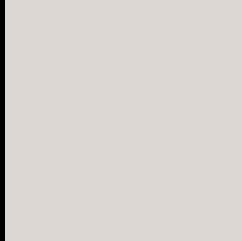
Large Text (above 18pt) WCAG AA × Fail

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 68.4697, 0.3198, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

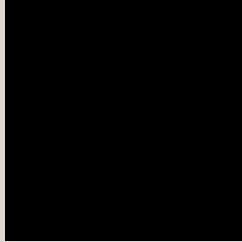
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

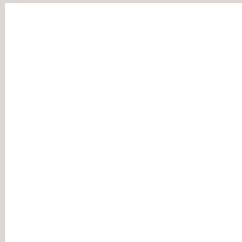
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4697, 0.3198, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 68.4697, 0.3198, 0.3346.

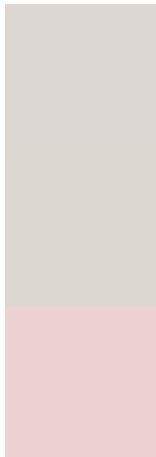


This preview shows how white text looks on a background with the Yxy color 68.4697, 0.3198, 0.3346.

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

68.4697, 0.3198, 0.3346

Protanopia

68.6262, 0.3205, 0.3345

Deuteranopia

68.4812, 0.3333, 0.3269



Tritanopia

68.4321, 0.3092, 0.3106

Trichromacy



Original Color

68.4697, 0.3198, 0.3346

Protanomaly

68.6262, 0.3205, 0.3345

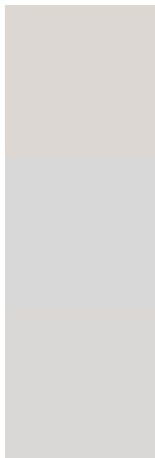
Deuteranomaly

68.2806, 0.3277, 0.3290

Tritanomaly

68.3920, 0.3132, 0.3192

Monochromacy



Original Color

68.4697, 0.3198, 0.3346

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7185, 0.3148, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4697, 0.3198, 0.3346 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(220, 215, 210)` looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 210)  
}
```

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(220, 215, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 210) }
```

Border

The CSS property to change the border of an element to Yxy 68.4697, 0.3198, 0.3346 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(220, 215, 210) }
```

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

```
.border{ border-color:rgb(220, 215, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 215, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 210);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4697, 0.3198, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 210) }
```

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

```
.background{ background-color: rgb(220,  
215, 210) }
```

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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