

Converting Colors

Yxy(65.9452, 0.3321, 0.3542)

Have a look what the booklet for
Yxy(65.9452, 0.3321, 0.3542)
contains.

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Color

Yxy(66.2116, 0.3326, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	DAD5BE
RGB	218, 213, 190
RGB Percent	85%, 84%, 75%
CMY	0.1449, 0.1648, 0.2549
CMYK	0.00, 0.02, 0.13, 0.14
HSL	49°, 28%, 80%
HSV	49°, 13%, 86%
XYZ	62.0163, 66.2116, 58.2312
YIQ	211.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

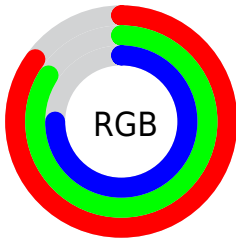
Format	Color
R _{YB}	196, 218, 190
Decimal	14341566
CIE Lab	85.10, -2.12, 11.98
CIE LCh	85, 12.164, 100.059
Yxy	66.2116, 0.3326, 0.3551
Android (android.graphics.Color)	4292531646 (0xFFDAD5BE)
YUV	211.8730, -10.7834, 5.3734
Hunter-Lab	81.3705, -6.3552, 14.5297

Details

The Yxy color **66.2116, 0.3326, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0823, 0.2925, 0.3015**, and the grayscale version is **65.8245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.0464, 0.3372, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **63.3702, 0.3492, 0.3761**, and if you desaturate by 10%, it is **69.2498, 0.3170, 0.3347**.

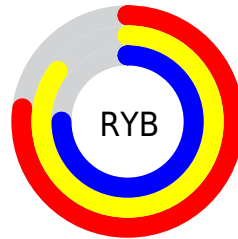
Distribution



Red (85%)

Green (84%)

Blue (75%)



Red (77%)

Yellow (85%)

Blue (75%)

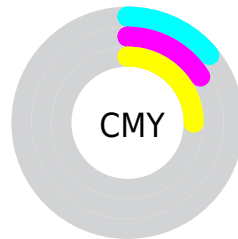


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (14%)



Cyan (14%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2116, 0.3326, 0.3551 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 66.2116, 0.3326, 0.3551 by changing the saturation by 10% instead.

 66.2116, 0.3326,
0.3551

 66.2116, 0.3326,
0.3551


447.1333, 0.3233,
0.3428

 48.4442, 0.3348,
0.3580


 113.7900, 0.3293,
0.3508

 34.1788, 0.3375,
0.3616

144.3697, 0.3281,
0.3491

 23.0310, 0.3409,
0.3662


179.9891, 0.3270,
0.3477

 14.6164, 0.3454,
0.3723

221.0324, 0.3261,
0.3464

 8.5506, 0.3516,
0.3809

267.8841, 0.3252,
0.3453

 4.4492, 0.3607,
0.3935

320.9285, 0.3245,

 1.9279, 0.3750,

0.3444

0.4139

380.5501, 0.3238,
0.3435

0.5651, 0.4620,
0.5380

0.0000, 0.0000,
0.0000

66.2116, 0.3326,
0.3551

66.2116, 0.3326,
0.3551

63.3702, 0.3492,
0.3761

69.2498, 0.3170,
0.3347

60.7102, 0.3664,
0.3972

72.4824, 0.3025,
0.3153

58.2273, 0.3839,
0.4176

75.8904, 0.2895,
0.2975

55.9140, 0.4009,
0.4363

78.0466, 0.2897,
0.3017

■ 53.7617, 0.4168,
0.4523

■ 80.2524, 0.2898,
0.3059

■ 51.7609, 0.4309,
0.4648

■ 82.5082, 0.2900,
0.3100

■ 49.9009, 0.4424,
0.4728

■ 84.8142, 0.2901,
0.3141

■ 48.1687, 0.4511,
0.4761

■ 87.1708, 0.2902,
0.3182

■ 46.9956, 0.4558,
0.4763

■ 89.5782, 0.2904,
0.3223

Harmonies

Analogous

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



66.2116, 0.3412, 0.3489



66.2116, 0.3326, 0.3551



66.2116, 0.3188, 0.3541

Triad

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



66.2116, 0.3326, 0.3551



66.2116, 0.2843, 0.3192



66.2116, 0.3215, 0.3129

Complementary

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



66.2116, 0.3326, 0.3551



55.0823, 0.2925, 0.3015

Split Complementary

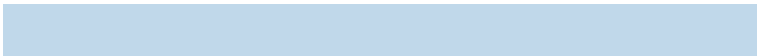
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2116, 0.3061, 0.3053



66.2116, 0.3326, 0.3551



66.2116, 0.2850, 0.3085

Square

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



66.2116, 0.3326, 0.3551



66.2116, 0.2911, 0.3330



66.2116, 0.2928, 0.3036



66.2116, 0.3347, 0.3246

Rectangle

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



66.2116, 0.3326, 0.3551



66.2116, 0.3086, 0.3494



66.2116, 0.2928, 0.3036



66.2116, 0.3164, 0.3098

Sweetspot

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



66.2145, 0.3326, 0.3551



98.1883, 0.3188, 0.3370



55.6931, 0.3319, 0.3231



20.9445, 0.3199, 0.3386



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.



66.2145, 0.3326, 0.3551



93.4396, 0.3363, 0.3598



67.4747, 0.3252, 0.3613



14.8422, 0.3271, 0.3480



28.2822, 0.4552, 0.4768



1.9389, 0.4483, 0.4822

Inverse Universe

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



55.0823, 0.2925, 0.3015



75.0685, 0.2886, 0.2962



54.0237, 0.2991, 0.2959



12.9964, 0.2981, 0.3093



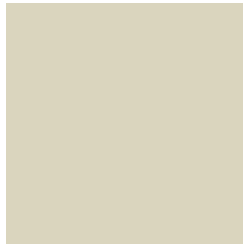
4.0325, 0.1548, 0.0772



0.3768, 0.1626, 0.1054

Previews

White Background



This preview shows how the Yxy color 66.2116, 0.3326, 0.3551 looks on a white background.

Color Contrast Check

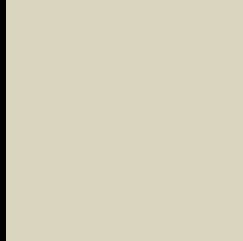
Large Text (above 18pt) WCAG AA × Fail

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 66.2116, 0.3326, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

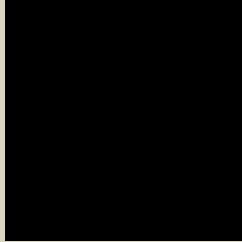
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

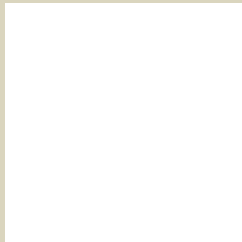
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2116, 0.3326, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 66.2116, 0.3326, 0.3551.



This preview shows how white text looks on a background with the Yxy color 66.2116, 0.3326, 0.3551.

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

66.2116, 0.3326, 0.3551

Protanopia

66.2907, 0.3365, 0.3549

Deuteranopia

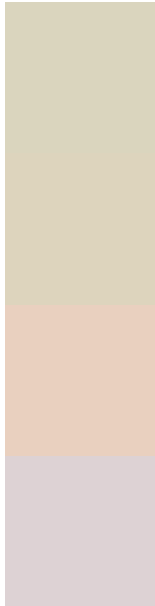
66.1692, 0.3506, 0.3431



Tritanopia

66.1815, 0.3128, 0.3116

Trichromacy



Original Color

66.2116, 0.3326, 0.3551

Protanomaly

66.1332, 0.3357, 0.3550

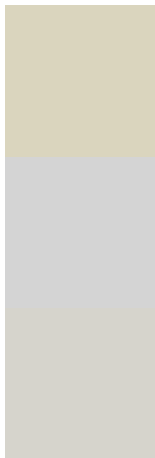
Deuteranomaly

66.1970, 0.3444, 0.3477

Tritanomaly

66.2188, 0.3196, 0.3268

Monochromacy



Original Color

66.2116, 0.3326, 0.3551

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7427, 0.3197, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2116, 0.3326, 0.3551 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(218, 213, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 190)  
}
```

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(218, 213, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.2116, 0.3326, 0.3551 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(218, 213, 190) }
```

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

```
.border{ border-color:rgb(218, 213, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 213, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2116, 0.3326, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 190) }
```

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

```
.background{ background-color: rgb(218,  
213, 190) }
```

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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