

Converting Colors

Yxy(65.9552, 0.3308, 0.3539)

Have a look what the booklet for
Yxy(65.9552, 0.3308, 0.3539)
contains.

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Color

Yxy(66.1018, 0.3311, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	D9D5BF
RGB	217, 213, 191
RGB Percent	85%, 84%, 75%
CMY	0.1488, 0.1647, 0.2509
CMYK	0.00, 0.02, 0.12, 0.15
HSL	51°, 26%, 80%
HSV	51°, 12%, 85%
XYZ	61.8257, 66.1018, 58.8007
YIQ	211.6880, 9.4460, -5.9940

Conversions

Conversions Part 2

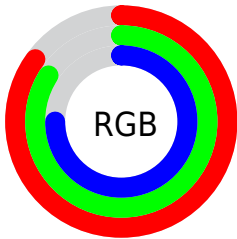
Format	Color
RYB	196, 217, 191
Decimal	14276031
CIELab	85.05, -2.33, 11.35
CIELCh	85, 11.589, 101.589
Yxy	66.1018, 0.3311, 0.3540
Android (android.graphics.Color)	4292466111 (0xFFD9D5BF)
YUV	211.6880, -10.1992, 4.6586
Hunter-Lab	81.3030, -6.5425, 14.0318

Details

The Yxy color **66.1018, 0.3311, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1570, 0.2939, 0.3027**, and the grayscale version is **65.6911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **33.9701, 0.3352, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **63.5333, 0.3474, 0.3756**, and if you desaturate by 10%, it is **68.8533, 0.3157, 0.3331**.

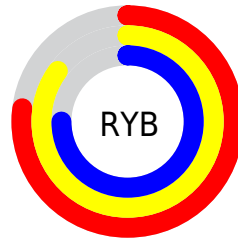
Distribution



Red (85%)

Green (84%)

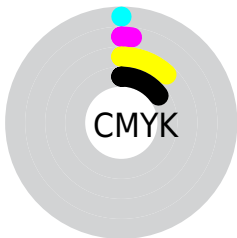
Blue (75%)



Red (77%)

Yellow (85%)

Blue (75%)

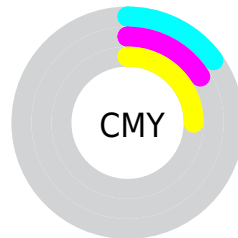


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1018, 0.3311, 0.3540 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 66.1018, 0.3311, 0.3540 by changing the saturation by 10% instead.

■ 66.1018, 0.3311,
0.3540

■ 66.1018, 0.3311,
0.3540

446.7409, 0.3225,
0.3422

■ 48.3550, 0.3331,
0.3568

■ 113.6324, 0.3281,
0.3498

■ 34.1081, 0.3356,
0.3602

144.1851, 0.3269,
0.3482

■ 22.9767, 0.3388,
0.3647

179.7752, 0.3259,
0.3469

■ 14.5763, 0.3429,
0.3706

220.7871, 0.3250,
0.3457

■ 8.5226, 0.3487,
0.3788

267.6052, 0.3243,
0.3446

■ 4.4311, 0.3571,
0.3910

320.6140, 0.3236,

■ 1.9175, 0.3704,

0.3437

0.4108

380.1977, 0.3230,
0.3429

0.5589, 0.4591,
0.5409

0.0000, 0.0000,
0.0000

66.1018, 0.3311,
0.3540

66.1018, 0.3311,
0.3540

63.5333, 0.3474,
0.3756

68.8533, 0.3157,
0.3331

61.1327, 0.3643,
0.3972

71.7851, 0.3013,
0.3131

58.8959, 0.3813,
0.4182

74.8326, 0.2888,
0.2956

56.8156, 0.3978,
0.4375

76.6614, 0.2889,
0.2992

■ 54.8835, 0.4131,
0.4541

■ 78.5267, 0.2891,
0.3028

■ 53.0906, 0.4265,
0.4672

■ 80.4285, 0.2892,
0.3064

■ 51.4264, 0.4374,
0.4760

■ 82.3672, 0.2893,
0.3100

■ 49.8785, 0.4454,
0.4801

■ 84.3428, 0.2895,
0.3136

■ 48.7061, 0.4501,
0.4808

■ 86.3557, 0.2896,
0.3171

Harmonies

Analogous

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



66.1018, 0.3396, 0.3484



66.1018, 0.3311, 0.3540



66.1018, 0.3178, 0.3527

Triad

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



66.1018, 0.3311, 0.3540



66.1018, 0.2855, 0.3190



66.1018, 0.3218, 0.3141

Complementary

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



66.1018, 0.3311, 0.3540



55.1570, 0.2939, 0.3027

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.



66.1018, 0.3072, 0.3066



66.1018, 0.3311, 0.3540



66.1018, 0.2865, 0.3091

Square

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



66.1018, 0.3311, 0.3540



66.1018, 0.2916, 0.3321



66.1018, 0.2943, 0.3047



66.1018, 0.3342, 0.3255

Rectangle

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



66.1018, 0.3311, 0.3540



66.1018, 0.3080, 0.3480



66.1018, 0.2943, 0.3047



66.1018, 0.3170, 0.3111

Sweetspot

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



66.1047, 0.3311, 0.3540



98.3494, 0.3187, 0.3373



55.9856, 0.3308, 0.3240



20.9854, 0.3199, 0.3388



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.



66.1047, 0.3311, 0.3540



94.4087, 0.3345, 0.3586



66.8775, 0.3240, 0.3591



14.8998, 0.3271, 0.3486



29.5966, 0.4496, 0.4812



2.0126, 0.4439, 0.4857

Inverse Universe

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



55.1570, 0.2939, 0.3027



76.1060, 0.2903, 0.2976



54.5198, 0.3005, 0.2984



12.9435, 0.2981, 0.3086



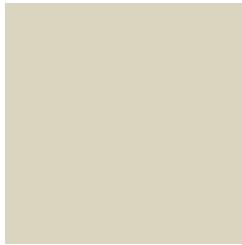
3.8187, 0.1538, 0.0737



0.3519, 0.1610, 0.0996

Previews

White Background



This preview shows how the Yxy color 66.1018, 0.3311, 0.3540 looks on a white background.

Color Contrast Check

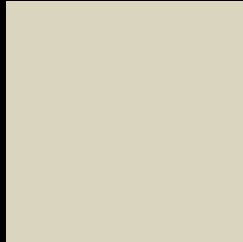
Large Text (above 18pt) WCAG AA × Fail

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 66.1018, 0.3311, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

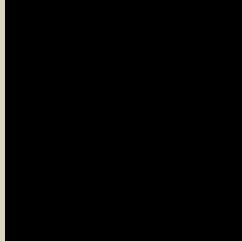
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

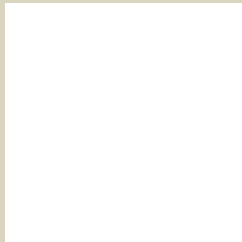
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1018, 0.3311, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 66.1018, 0.3311, 0.3540.



This preview shows how white text looks on a background with the Yxy color 66.1018, 0.3311, 0.3540.

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

66.1018, 0.3311, 0.3540

Protanopia

66.1768, 0.3350, 0.3538

Deuteranopia

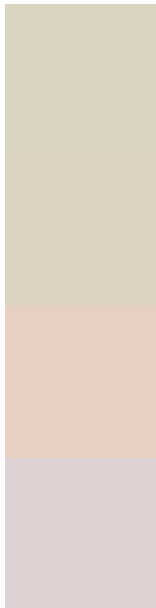
66.0382, 0.3490, 0.3420



Tritanopia

66.0232, 0.3120, 0.3115

Trichromacy



Original Color

66.1018, 0.3311, 0.3540

Protanomaly

66.0203, 0.3343, 0.3539

Deuteranomaly

66.0733, 0.3429, 0.3467

Tritanomaly

66.0623, 0.3188, 0.3268

Monochromacy



Original Color

66.1018, 0.3311, 0.3540

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 66.1018, 0.3311, 0.3540 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(217, 213, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 191)  
}
```

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(217, 213, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 191) }
```

Border

The CSS property to change the border of an element to Yxy 66.1018, 0.3311, 0.3540 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(217, 213, 191) }
```

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

```
.border{ border-color:rgb(217, 213, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 213, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1018, 0.3311, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 191) }
```

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

```
.background{ background-color: rgb(217,  
213, 191) }
```

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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