

Converting Colors

Yxy(65.5723, 0.3219, 0.3534)

Have a look what the booklet for
Yxy(65.5723, 0.3219, 0.3534)
contains.

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Color

Yxy(65.7165, 0.3218, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	CFD7C1
RGB	207, 215, 193
RGB Percent	81%, 84%, 76%
CMY	0.1883, 0.1568, 0.2430
CMYK	0.04, 0.00, 0.10, 0.16
HSL	82°, 22%, 80%
HSV	82°, 10%, 84%
XYZ	59.6546, 65.7165, 60.0069
YIQ	210.1000, 2.2940, -8.5380

Conversions

Conversions Part 2

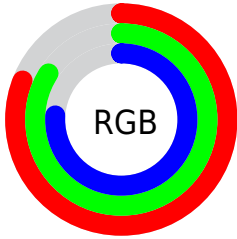
Format	Color
RYB	193, 215, 201
Decimal	13621185
CIELab	84.85, -6.61, 9.91
CIELCh	85, 11.911, 123.717
Yxy	65.7165, 0.3218, 0.3545
Android (android.graphics.Color)	4291811265 (0xFFCFD7C1)
YUV	210.1000, -8.4303, -2.7187
Hunter-Lab	81.0657, -10.5104, 12.8581

Details

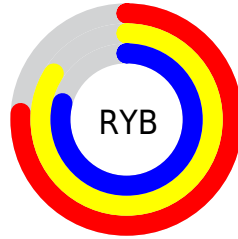
The Yxy color **65.7165, 0.3218, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4847, 0.3030, 0.3032**, and the grayscale version is **64.5732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.7780, 0.3248, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **63.7242, 0.3307, 0.3812**, and if you desaturate by 10%, it is **67.9103, 0.3129, 0.3295**.

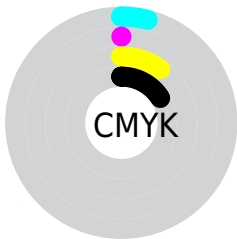
Distribution



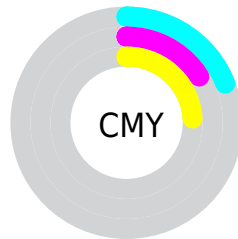
- Red (81%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7165, 0.3218, 0.3545 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 65.7165, 0.3218, 0.3545 by changing the saturation by 10% instead.

■ 65.7165, 0.3218,
0.3545

■ 65.7165, 0.3218,
0.3545

445.3623, 0.3176,
0.3423

■ 48.0423, 0.3228,
0.3574

■ 113.0793, 0.3203,
0.3502

■ 33.8604, 0.3239,
0.3610

143.5368, 0.3198,
0.3486

■ 22.7864, 0.3254,
0.3656

179.0241, 0.3193,
0.3471

■ 14.4358, 0.3274,
0.3719

219.9256, 0.3189,
0.3459

■ 8.4244, 0.3301,
0.3807

266.6258, 0.3185,
0.3449

■ 4.3677, 0.3338,
0.3940

319.5091, 0.3182,

■ 1.8813, 0.3395,

0.3439

0.4163

378.9598, 0.3179,
0.3431

0.5371, 0.3939,
0.6061

0.0000, 0.0000,
0.0000

65.7165, 0.3218,
0.3545

65.7165, 0.3218,
0.3545

63.7242, 0.3307,
0.3812

67.9103, 0.3129,
0.3295

61.9182, 0.3393,
0.4090

70.3037, 0.3043,
0.3065

60.2940, 0.3471,
0.4373

72.7414, 0.2976,
0.2880

58.8439, 0.3538,
0.4651

74.0756, 0.3030,
0.2886

■ 57.5592, 0.3587,
0.4911

■ 75.4692, 0.3084,
0.2893

■ 56.4307, 0.3615,
0.5141

■ 76.9231, 0.3139,
0.2900

■ 55.4477, 0.3620,
0.5328

■ 77.0864, 0.3145,
0.2901

■ 54.5978, 0.3599,
0.5465

■ 53.8745, 0.3560,
0.5555

Harmonies

Analogous

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



65.7165, 0.3346, 0.3539



65.7165, 0.3218, 0.3545



65.7165, 0.3068, 0.3478

Triad

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



65.7165, 0.3218, 0.3545



65.7165, 0.2847, 0.3107



65.7165, 0.3319, 0.3221

Complementary

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



65.7165, 0.3218, 0.3545



55.4847, 0.3030, 0.3032

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.



65.7165, 0.3181, 0.3112



65.7165, 0.3218, 0.3545



65.7165, 0.2910, 0.3046

Square

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



65.7165, 0.3218, 0.3545



65.7165, 0.2857, 0.3221



65.7165, 0.3032, 0.3049



65.7165, 0.3405, 0.3349

Rectangle

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



65.7165, 0.3218, 0.3545



65.7165, 0.2976, 0.3402



65.7165, 0.3032, 0.3049



65.7165, 0.3277, 0.3181

Sweetspot

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



65.7194, 0.3218, 0.3545



98.9904, 0.3154, 0.3364



59.9434, 0.3297, 0.3379



21.1313, 0.3161, 0.3383



0.0000, 0.0000, 0.0000



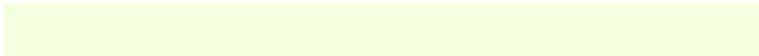
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7194, 0.3218, 0.3545



96.1232, 0.3235, 0.3594



64.2370, 0.3139, 0.3551



14.2825, 0.3211, 0.3524



32.2817, 0.3569, 0.5548



1.9932, 0.3678, 0.5462

Inverse Universe

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



55.4847, 0.3030, 0.3032



78.5089, 0.3010, 0.2981



57.0128, 0.3113, 0.3038



12.2275, 0.3038, 0.3053



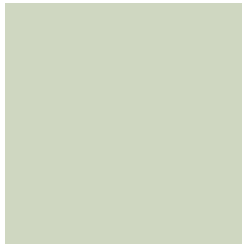
3.9737, 0.1797, 0.0763



0.2858, 0.1993, 0.0872

Previews

White Background



This preview shows how the Yxy color 65.7165, 0.3218, 0.3545 looks on a white background.

Color Contrast Check

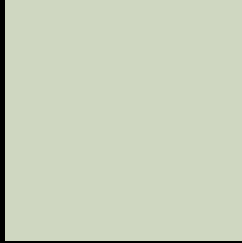
Large Text (above 18pt) WCAG AA × Fail

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 65.7165, 0.3218, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

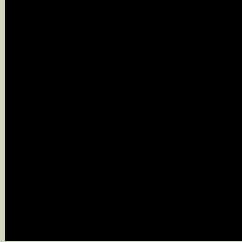
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

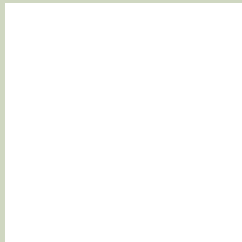
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7165, 0.3218, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 65.7165, 0.3218, 0.3545.

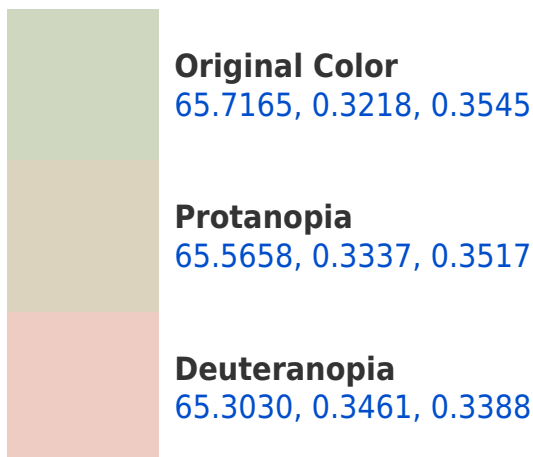


This preview shows how white text looks on a background with the Yxy color 65.7165, 0.3218, 0.3545.

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





Tritanopia

65.6363, 0.3027, 0.3101

Trichromacy



Original Color

65.7165, 0.3218, 0.3545

Protanomaly

65.3398, 0.3290, 0.3519

Deuteranomaly

65.3377, 0.3374, 0.3446

Tritanomaly

65.6949, 0.3092, 0.3256

Monochromacy



Original Color

65.7165, 0.3218, 0.3545

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.0019, 0.3160, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7165, 0.3218, 0.3545 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(207, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 193)  
}
```

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(207, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 193) }
```

Border

The CSS property to change the border of an element to Yxy 65.7165, 0.3218, 0.3545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

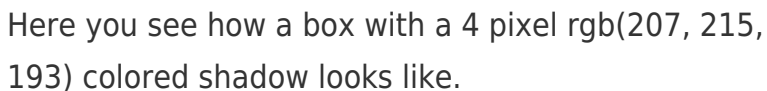
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 215, 193) }
```

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

```
.border{ border-color:rgb(207, 215, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(207, 215,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7165, 0.3218, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 193) }
```

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

```
.background{ background-color: rgb(207,  
215, 193) }
```

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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