

Converting Colors

$Yxy(64.7726, 0.3165, 0.3554)$

Have a look what the booklet for
Yxy(64.7726, 0.3165, 0.3554)
contains.

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Color

Yxy(64.7305, 0.3166, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	C8D7C1
RGB	200, 215, 193
RGB Percent	78%, 84%, 76%
CMY	0.2157, 0.1568, 0.2430
CMYK	0.07, 0.00, 0.10, 0.16
HSL	101°, 22%, 80%
HSV	101°, 10%, 84%
XYZ	57.7449, 64.7305, 59.9154
YIQ	208.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

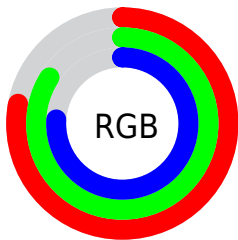
Format	Color
RYB	193, 215, 208
Decimal	13162433
CIELab	84.34, -9.04, 9.12
CIElCh	84, 12.842, 134.772
Yxy	64.7305, 0.3166, 0.3549
Android (android.graphics.Color)	4291352513 (0xFFC8D7C1)
YUV	208.0070, -7.3985, -7.0221
Hunter-Lab	80.4553, -12.6824, 12.1652

Details

The Yxy color **64.7305, 0.3166, 0.3549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4726, 0.3084, 0.3036**, and the grayscale version is **63.1323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.1167, 0.3179, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **61.9162, 0.3202, 0.3829**, and if you desaturate by 10%, it is **67.8842, 0.3128, 0.3295**.

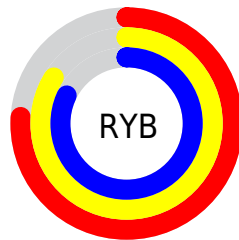
Distribution



Red (78%)

Green (84%)

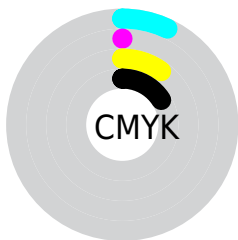
Blue (76%)



Red (76%)

Yellow (84%)

Blue (82%)

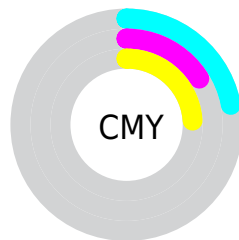


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (22%)


Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7305, 0.3166, 0.3549 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 64.7305, 0.3166, 0.3549 by changing the saturation by 10% instead.


 64.7305, 0.3166,
0.3549

 64.7305, 0.3166,
0.3549

441.8229, 0.3149,
0.3425

 47.2426, 0.3170,
0.3579


 111.6623, 0.3160,
0.3505

 33.2275, 0.3174,
0.3616


141.8750, 0.3158,
0.3488

 22.3008, 0.3180,
0.3664


177.0981, 0.3156,
0.3474

 14.0781, 0.3187,
0.3729

217.7159, 0.3154,
0.3461

 8.1750, 0.3196,
0.3821

264.1129, 0.3152,
0.3450

 4.2071, 0.3208,
0.3962

316.6735, 0.3151,

 1.7901, 0.3222,

0.3441

0.4202

375.7820, 0.3150,
0.3432

0.4810, 0.3295,
0.6705

0.0000, 0.0000,
0.0000

64.7305, 0.3166,
0.3549

64.7305, 0.3166,
0.3549

61.9162, 0.3202,
0.3829

67.8842, 0.3128,
0.3295

59.4214, 0.3235,
0.4132

71.3798, 0.3090,
0.3069

57.2369, 0.3260,
0.4451

75.0668, 0.3069,
0.2891

55.3496, 0.3276,
0.4774

77.0842, 0.3145,
0.2901

■ 53.7458, 0.3280,
0.5087

■ 52.4102, 0.3268,
0.5370

■ 51.3260, 0.3240,
0.5604

■ 50.4740, 0.3199,
0.5774

■ 49.8377, 0.3150,
0.5881

Harmonies

Analogous

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



64.7305, 0.3318, 0.3572



64.7305, 0.3166, 0.3549



64.7305, 0.3006, 0.3451

Triad

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



64.7305, 0.3166, 0.3549



64.7305, 0.2841, 0.3060



64.7305, 0.3378, 0.3265

Complementary

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



64.7305, 0.3166, 0.3549



56.4726, 0.3084, 0.3036

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.



64.7305, 0.3245, 0.3136



64.7305, 0.3166, 0.3549



64.7305, 0.2935, 0.3019

Square

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



64.7305, 0.3166, 0.3549



64.7305, 0.2821, 0.3164



64.7305, 0.3082, 0.3047



64.7305, 0.3443, 0.3403

Rectangle

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



64.7305, 0.3166, 0.3549



64.7305, 0.2917, 0.3358



64.7305, 0.3082, 0.3047



64.7305, 0.3340, 0.3219

Sweetspot

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



64.7333, 0.3166, 0.3549



98.5393, 0.3139, 0.3364



63.2546, 0.3288, 0.3459



21.0096, 0.3142, 0.3384



0.0000, 0.0000, 0.0000



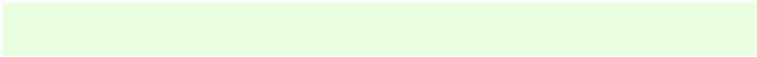
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7333, 0.3166, 0.3549



94.4322, 0.3173, 0.3600



63.9616, 0.3090, 0.3508



14.0850, 0.3163, 0.3528



29.8572, 0.3160, 0.5873



1.8446, 0.3294, 0.5767

Inverse Universe

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



56.4726, 0.3084, 0.3036



80.2138, 0.3075, 0.2987



57.3186, 0.3166, 0.3081



12.4263, 0.3088, 0.3057



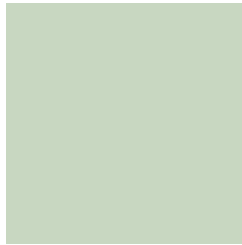
6.6968, 0.2427, 0.1110



0.4473, 0.2565, 0.1187

Previews

White Background



This preview shows how the Yxy color 64.7305, 0.3166, 0.3549 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 64.7305, 0.3166, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

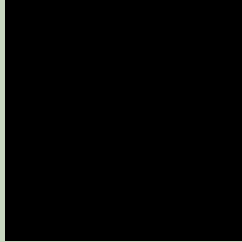
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

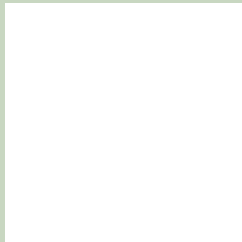
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7305, 0.3166, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 64.7305, 0.3166, 0.3549.



This preview shows how white text looks on a background with the Yxy color 64.7305, 0.3166, 0.3549.

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

64.7305, 0.3166, 0.3549

Protanopia

64.3787, 0.3339, 0.3507

Deuteranopia

64.4849, 0.3447, 0.3378



Tritanopia

64.6184, 0.2977, 0.3098

Trichromacy



Original Color

64.7305, 0.3166, 0.3549

Protanomaly

64.3472, 0.3275, 0.3521

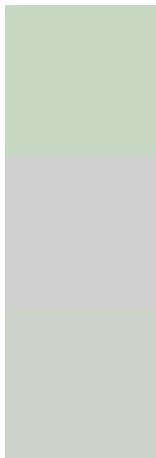
Deuteranomaly

64.2087, 0.3344, 0.3437

Tritanomaly

64.6898, 0.3041, 0.3255

Monochromacy



Original Color

64.7305, 0.3166, 0.3549

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8795, 0.3138, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7305, 0.3166, 0.3549 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(200, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 193) }
```

Border

The CSS property to change the border of an element to Yxy 64.7305, 0.3166, 0.3549 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(200, 215, 193) }
```

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

```
.border{ border-color:rgb(200, 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(200, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7305, 0.3166, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 193) }
```

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

```
.background{ background-color: rgb(200,  
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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