

Converting Colors

$Yxy(64.8323, 0.3128, 0.3617)$

Have a look what the booklet for
Yxy(64.8323, 0.3128, 0.3617)
contains.

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Color

Yxy(64.5499, 0.3126, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	C0D9BE
RGB	192, 217, 190
RGB Percent	75%, 85%, 75%
CMY	0.2473, 0.1489, 0.2549
CMYK	0.12, 0.00, 0.12, 0.15
HSL	116°, 26%, 80%
HSV	116°, 12%, 85%
XYZ	55.8337, 64.5499, 58.2271
YIQ	206.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

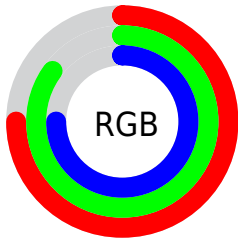
Format	Color
RYB	190, 217, 215
Decimal	12638654
CIELab	84.25, -13.37, 10.51
CIELCh	84, 17.003, 141.823
Yxy	64.5499, 0.3126, 0.3614
Android (android.graphics.Color)	4290828734 (0xFFC0D9BE)
YUV	206.4470, -8.1084, -12.6700
Hunter-Lab	80.3430, -16.5530, 13.2707

Details

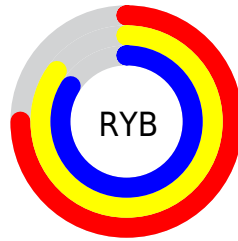
The Yxy color **64.5499, 0.3126, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.2927, 0.3126, 0.2983**, and the grayscale version is **62.0742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3136, 0.3142, 0.3377**, and **33.0501, 0.3118, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **61.2230, 0.3123, 0.3911**, and if you desaturate by 10%, it is **68.3832, 0.3127, 0.3350**.

Distribution



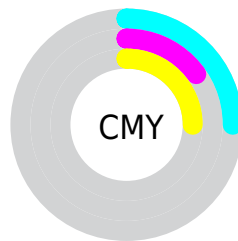
- Red (75%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (25%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5499, 0.3126, 0.3614 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 64.5499, 0.3126, 0.3614 by changing the saturation by 10% instead.


 64.5499, 0.3126,
0.3614

 64.5499, 0.3126,
0.3614


441.1727, 0.3128,
0.3458

 47.0962, 0.3125,
0.3652


 111.4025, 0.3127,
0.3558

 33.1117, 0.3124,
0.3699


141.5702, 0.3127,
0.3537

 22.2120, 0.3121,
0.3760


176.7447, 0.3128,
0.3519

 14.0128, 0.3118,
0.3843

217.3104, 0.3128,
0.3503

 8.1296, 0.3111,
0.3962

263.6516, 0.3128,
0.3490

 4.1780, 0.3097,
0.4145


316.1528, 0.3128,


 1.7736, 0.3065,


0.3478


0.4461


375.1984, 0.3128,
0.3467


 0.4706, 0.2046,
0.7954


 0.0000, 0.0000,
0.0000


 64.5499, 0.3126,
0.3614


 64.5499, 0.3126,
0.3614


 61.2230, 0.3123,
0.3911


 68.3832, 0.3127,
0.3350


 58.3735, 0.3117,
0.4238

 72.7341, 0.3127,
0.3118

 55.9820, 0.3108,
0.4585

 77.6176, 0.3126,
0.2918

 54.0245, 0.3096,
0.4937

 78.1162, 0.3144,
0.2920

■ 52.4750, 0.3081,
0.5272

■ 51.3044, 0.3062,
0.5565

■ 50.4801, 0.3043,
0.5789

■ 49.9638, 0.3024,
0.5931

■ 49.7434, 0.3013,
0.5989

Harmonies

Analogous

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



64.5499, 0.3336, 0.3668



64.5499, 0.3126, 0.3614



64.5499, 0.2922, 0.3463

Triad

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



64.5499, 0.3126, 0.3614



64.5499, 0.2770, 0.2964



64.5499, 0.3491, 0.3298

Complementary

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



64.5499, 0.3126, 0.3614



56.2927, 0.3126, 0.2983

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.



64.5499, 0.3330, 0.3124



64.5499, 0.3126, 0.3614



64.5499, 0.2913, 0.2934

Square

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



64.5499, 0.3126, 0.3614



64.5499, 0.2721, 0.3082



64.5499, 0.3117, 0.2993



64.5499, 0.3551, 0.3476

Rectangle

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



64.5499, 0.3126, 0.3614



64.5499, 0.2815, 0.3332



64.5499, 0.3117, 0.2993



64.5499, 0.3446, 0.3237

Sweetspot

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



64.5527, 0.3126, 0.3614



97.6094, 0.3127, 0.3389



66.9551, 0.3316, 0.3572



20.7991, 0.3127, 0.3409



0.0000, 0.0000, 0.0000



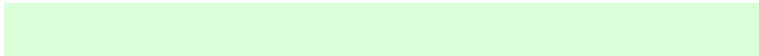
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5527, 0.3126, 0.3614



91.6559, 0.3125, 0.3691



64.8116, 0.3038, 0.3477



14.6509, 0.3127, 0.3531



30.1227, 0.3017, 0.5987



1.9676, 0.3067, 0.5947

Inverse Universe

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



56.2927, 0.3126, 0.2983



77.4574, 0.3125, 0.2916



56.0234, 0.3227, 0.3110



13.2246, 0.3126, 0.3059



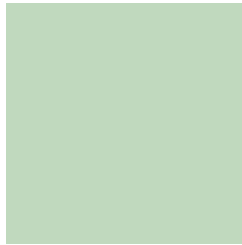
10.5984, 0.3030, 0.1443



0.7012, 0.3061, 0.1460

Previews

White Background



This preview shows how the Yxy color 64.5499, 0.3126, 0.3614 looks on a white background.

Color Contrast Check

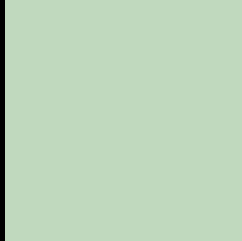
Large Text (above 18pt) WCAG AA × Fail

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 64.5499, 0.3126, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

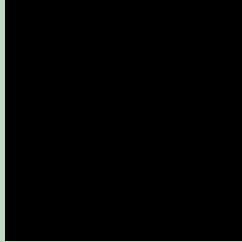
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

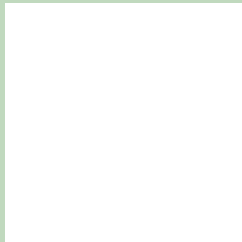
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5499, 0.3126, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 64.5499, 0.3126, 0.3614.



This preview shows how white text looks on a background with the Yxy color 64.5499, 0.3126, 0.3614.

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

64.5499, 0.3126, 0.3614

Protanopia

64.2062, 0.3369, 0.3553

Deuteranopia

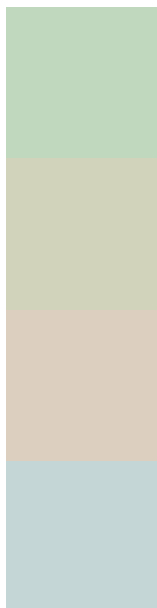
63.9242, 0.3464, 0.3389



Tritanopia

64.6942, 0.2922, 0.3107

Trichromacy



Original Color

64.5499, 0.3126, 0.3614

Protanomaly

64.2301, 0.3279, 0.3581

Deuteranomaly

63.6471, 0.3335, 0.3461

Tritanomaly

64.6839, 0.2998, 0.3290

Monochromacy



Original Color

64.5499, 0.3126, 0.3614

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.6808, 0.3129, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5499, 0.3126, 0.3614 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(192, 217, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 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(192, 217, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 190) }
```

Border

The CSS property to change the border of an element to Yxy 64.5499, 0.3126, 0.3614 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(192, 217, 190) }
```

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

```
.border{ border-color:rgb(192, 217, 190) }
```

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

Here you see how a box with a 4 pixel rgb(192, 217, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5499, 0.3126, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 190) }
```

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

```
.background{ background-color: rgb(192,  
217, 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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