

Converting Colors

Yxy(64.2977, 0.3146, 0.3481)

Have a look what the booklet for
Yxy(64.2977, 0.3146, 0.3481)
contains.

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Color

Yxy(64.5419, 0.3147, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	C9D6C5
RGB	201, 214, 197
RGB Percent	79%, 84%, 77%
CMY	0.2117, 0.1608, 0.2273
CMYK	0.06, 0.00, 0.08, 0.16
HSL	106°, 17%, 81%
HSV	106°, 8%, 84%
XYZ	58.2154, 64.5419, 62.2296
YIQ	208.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

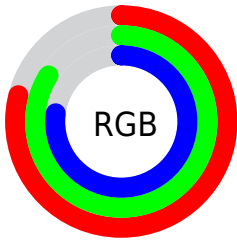
Format	Color
RYB	197, 214, 210
Decimal	13227717
CIELab	84.25, -7.48, 6.87
CIELCh	84, 10.151, 137.444
Yxy	64.5419, 0.3147, 0.3489
Android (android.graphics.Color)	4291417797 (0xFFC9D6C5)
YUV	208.1750, -5.5093, -6.2925
Hunter-Lab	80.3380, -11.2449, 10.3107

Details

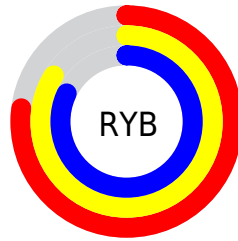
The Yxy color **64.5419, 0.3147, 0.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5064, 0.3105, 0.3095**, and the grayscale version is **63.2365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **32.9825, 0.3154, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **61.4807, 0.3170, 0.3766**, and if you desaturate by 10%, it is **67.9903, 0.3122, 0.3241**.

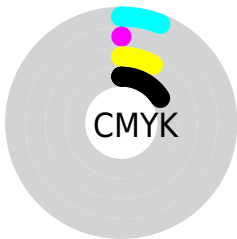
Distribution



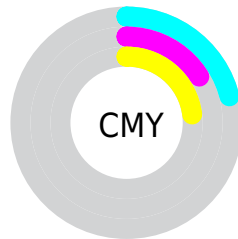
- Red (79%)
- Green (84%)
- Blue (77%)



- Red (77%)
- Yellow (84%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5419, 0.3147, 0.3489 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 64.5419, 0.3147, 0.3489 by changing the saturation by 10% instead.

■ 64.5419, 0.3147,
0.3489

■ 64.5419, 0.3147,
0.3489

441.1439, 0.3138,
0.3394

■ 47.0897, 0.3149,
0.3512

111.3910, 0.3144,
0.3455

■ 33.1066, 0.3151,
0.3540

141.5567, 0.3143,
0.3442

■ 22.2081, 0.3154,
0.3577

176.7290, 0.3142,
0.3431

■ 14.0099, 0.3157,
0.3626

217.2924, 0.3141,
0.3422

■ 8.1275, 0.3162,
0.3696

263.6312, 0.3140,
0.3413

■ 4.1767, 0.3167,
0.3803

316.1297, 0.3139,

■ 1.7729, 0.3173,

0.3406

0.3986

375.1725, 0.3139,
0.3400

0.4702, 0.3449,
0.6134

0.0000, 0.0000,
0.0000

64.5419, 0.3147,
0.3489

64.5419, 0.3147,
0.3489

61.4807, 0.3170,
0.3766

67.9903, 0.3122,
0.3241

58.7848, 0.3191,
0.4069

71.8301, 0.3096,
0.3022

56.4430, 0.3206,
0.4393

75.6686, 0.3112,
0.2886

54.4399, 0.3213,
0.4727

76.5739, 0.3146,
0.2891

■ 52.7594, 0.3211,
0.5055

■ 51.3838, 0.3197,
0.5357

■ 50.2935, 0.3171,
0.5610

■ 49.4664, 0.3135,
0.5798

■ 48.8747, 0.3093,
0.5913

Harmonies

Analogous

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



64.5419, 0.3269, 0.3513



64.5419, 0.3147, 0.3489



64.5419, 0.3021, 0.3408

Triad

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



64.5419, 0.3147, 0.3489



64.5419, 0.2904, 0.3103



64.5419, 0.3333, 0.3281

Complementary

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



64.5419, 0.3147, 0.3489



58.5064, 0.3105, 0.3095

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.



64.5419, 0.3231, 0.3176



64.5419, 0.3147, 0.3489



64.5419, 0.2984, 0.3074

Square

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



64.5419, 0.3147, 0.3489



64.5419, 0.2883, 0.3182



64.5419, 0.3103, 0.3101



64.5419, 0.3378, 0.3390

Rectangle

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



64.5419, 0.3147, 0.3489



64.5419, 0.2952, 0.3334



64.5419, 0.3103, 0.3101



64.5419, 0.3304, 0.3244

Sweetspot

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



64.5447, 0.3147, 0.3489



98.9427, 0.3132, 0.3339



64.3029, 0.3249, 0.3436



21.1889, 0.3132, 0.3337



0.0000, 0.0000, 0.0000



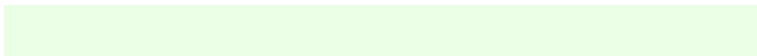
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5447, 0.3147, 0.3489



94.9480, 0.3152, 0.3547



64.1981, 0.3089, 0.3440



14.0349, 0.3151, 0.3528



29.5207, 0.3093, 0.5926



1.8188, 0.3216, 0.5828

Inverse Universe

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



58.5064, 0.3105, 0.3095



83.6803, 0.3099, 0.3040



58.8833, 0.3167, 0.3145



12.4793, 0.3101, 0.3058



7.7461, 0.2626, 0.1220



0.5036, 0.2731, 0.1278

Previews

White Background



This preview shows how the Yxy color 64.5419, 0.3147, 0.3489 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 64.5419, 0.3147, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

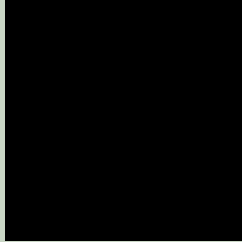
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

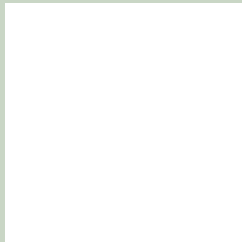
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5419, 0.3147, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 64.5419, 0.3147, 0.3489.



This preview shows how white text looks on a background with the Yxy color 64.5419, 0.3147, 0.3489.

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

64.5419, 0.3147, 0.3489

Protanopia

64.2477, 0.3295, 0.3461

Deuteranopia

64.3278, 0.3400, 0.3334



Tritanopia

64.7060, 0.2990, 0.3109

Trichromacy



Original Color

64.5419, 0.3147, 0.3489

Protanomaly

64.3775, 0.3239, 0.3475

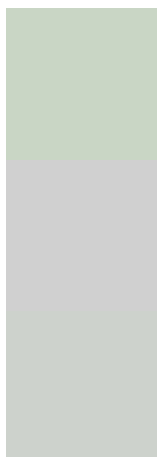
Deuteranomaly

64.2325, 0.3307, 0.3392

Tritanomaly

64.3322, 0.3049, 0.3244

Monochromacy



Original Color

64.5419, 0.3147, 0.3489

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4320, 0.3131, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5419, 0.3147, 0.3489 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(201, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 214, 197)  
}
```

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(201, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 214, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.5419, 0.3147, 0.3489 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(201, 214, 197) }
```

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

```
.border{ border-color:rgb(201, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 214,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5419, 0.3147, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 214, 197) }
```

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

```
.background{ background-color: rgb(201,  
214, 197) }
```

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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