

Converting Colors

$Yxy(64.5126, 0.3594, 0.4062)$

Have a look what the booklet for
Yxy(64.5126, 0.3594, 0.4062)
contains.

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Color

Yxy(64.4959, 0.3597, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	D6D693
RGB	214, 214, 147
RGB Percent	84%, 84%, 58%
CMY	0.1608, 0.1608, 0.4235
CMYK	0.00, 0.00, 0.31, 0.16
HSL	60°, 45%, 71%
HSV	60°, 31%, 84%
XYZ	57.0425, 64.4959, 37.0451
YIQ	206.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

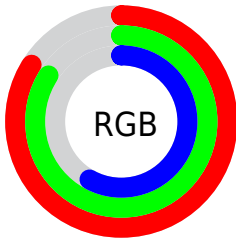
Format	Color
RYB	147, 214, 147
Decimal	14079635
CIELab	84.22, -10.25, 33.18
CIELCh	84, 34.723, 107.161
Yxy	64.4959, 0.3597, 0.4067
Android (android.graphics.Color)	4292269715 (0xFFD6D693)
YUV	206.3620, -29.2655, 6.6985
Hunter-Lab	80.3093, -13.7556, 28.8672

Details

The Yxy color $64.4959, 0.3597, 0.4067$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.9273, 0.2573, 0.2374$, and the grayscale version is $62.1472, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0443, 0.3442, 0.3810$, and $32.9099, 0.3695, 0.4250$ is the 20% darker color. If you saturate the color by 10%, you get $63.8874, 0.3741, 0.4305$, and if you desaturate by 10%, it is $65.2352, 0.3447, 0.3818$.

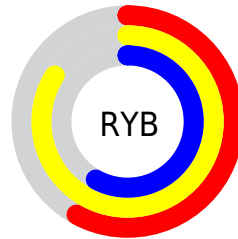
Distribution



Red (84%)

Green (84%)

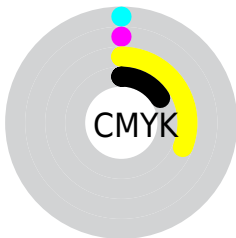
Blue (58%)



Red (58%)

Yellow (84%)

Blue (58%)

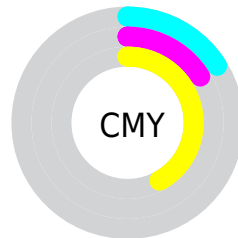


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4959, 0.3597, 0.4067 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 64.4959, 0.3597, 0.4067 by changing the saturation by 10% instead.


 64.4959, 0.3597,
0.4067

 64.4959, 0.3597,
0.4067


440.9782, 0.3382,
0.3696

 47.0524, 0.3644,
0.4154


 111.3248, 0.3524,
0.3936

 33.0771, 0.3701,
0.4261


 141.4790, 0.3495,
0.3886

 22.1855, 0.3770,
0.4398


176.6390, 0.3470,
0.3843

 13.9933, 0.3854,
0.4576

217.1890, 0.3448,
0.3805

 8.1160, 0.3956,
0.4814

263.5136, 0.3429,
0.3773

 4.1693, 0.4090,
0.5166

315.9971, 0.3412,

 1.7687, 0.4264,

0.3744

375.0238, 0.3396,
0.3718

0.5736

0.4675, 0.2936,
0.7064

0.0000, 0.0000,
0.0000

64.4959, 0.3597,
0.4067

64.4959, 0.3597,
0.4067

63.8874, 0.3741,
0.4305

65.2352, 0.3447,
0.3818

63.3941, 0.3872,
0.4522

66.1029, 0.3295,
0.3567

63.0111, 0.3985,
0.4708

67.1080, 0.3146,
0.3322

62.7301, 0.4074,
0.4857

68.2561, 0.3004,
0.3086

■ 62.5413, 0.4138,
0.4963

■ 69.5524, 0.2870,
0.2865

■ 62.4329, 0.4176,
0.5026

■ 69.6172, 0.2864,
0.2855

■ 62.3865, 0.4193,
0.5053

■ 69.6181, 0.2864,
0.2855

■ 69.6189, 0.2864,
0.2855

■ 69.6197, 0.2864,
0.2855

Harmonies

Analogous

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



64.4959, 0.3903, 0.3894



64.4959, 0.3597, 0.4067



64.4959, 0.3178, 0.4011

Triad

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



64.4959, 0.3597, 0.4067



64.4959, 0.2329, 0.2901



64.4959, 0.3472, 0.2913

Complementary

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



64.4959, 0.3597, 0.4067



31.9273, 0.2573, 0.2374

Split Complementary

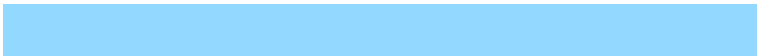
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.4959, 0.3028, 0.2683



64.4959, 0.3597, 0.4067



64.4959, 0.2393, 0.2658

Square

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



64.4959, 0.3597, 0.4067



64.4959, 0.2458, 0.3287



64.4959, 0.2639, 0.2588



64.4959, 0.3837, 0.3233

Rectangle

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



64.4959, 0.3597, 0.4067



64.4959, 0.2893, 0.3834



64.4959, 0.2639, 0.2588



64.4959, 0.3325, 0.2823

Sweetspot

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



64.4988, 0.3597, 0.4067



98.6079, 0.3261, 0.3512



37.2712, 0.3836, 0.3292



21.0614, 0.3284, 0.3549



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.



64.4988, 0.3597, 0.4067



95.2473, 0.3700, 0.4237



59.9679, 0.3331, 0.4140



14.5198, 0.3266, 0.3520



37.7053, 0.4193, 0.5053



2.2743, 0.4193, 0.5053

Inverse Universe

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



31.9273, 0.2573, 0.2374



38.9896, 0.2425, 0.2128



35.4866, 0.2857, 0.2443



12.0089, 0.2981, 0.3049



2.9348, 0.1500, 0.0600



0.1771, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 64.4959, 0.3597, 0.4067 looks on a white background.

Color Contrast Check

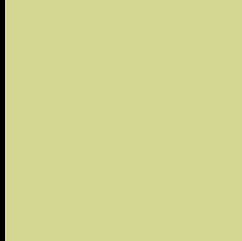
Large Text (above 18pt) WCAG AA × Fail

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 64.4959, 0.3597, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

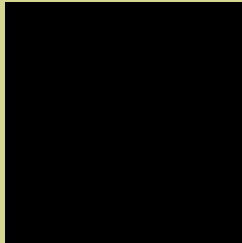
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

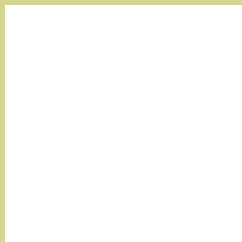
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4959, 0.3597, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 64.4959, 0.3597, 0.4067.



This preview shows how white text looks on a background with the Yxy color 64.4959, 0.3597, 0.4067.

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

64.4959, 0.3597, 0.4067

Protanopia

64.4684, 0.3731, 0.4020

Deuteranopia

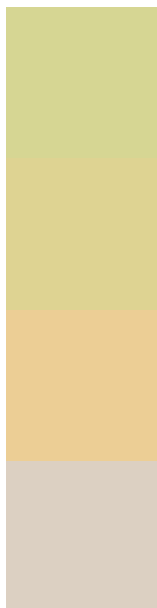
64.1150, 0.3911, 0.3831



Tritanopia

64.5711, 0.3151, 0.3115

Trichromacy



Original Color

64.4959, 0.3597, 0.4067

Protanomaly

64.1934, 0.3679, 0.4030

Deuteranomaly

64.1454, 0.3791, 0.3917

Tritanomaly

64.2224, 0.3319, 0.3449

Monochromacy



Original Color

64.4959, 0.3597, 0.4067

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.6590, 0.3297, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4959, 0.3597, 0.4067 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(214, 214, 147)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 147)  
}
```

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(214, 214, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 147) }
```

Border

The CSS property to change the border of an element to Yxy 64.4959, 0.3597, 0.4067 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(214, 214, 147) }
```

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

```
.border{ border-color:rgb(214, 214, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 147);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4959, 0.3597, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 147) }
```

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

```
.background{ background-color: rgb(214,  
214, 147) }
```

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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