

Converting Colors

Yxy(64.6743, 0.3459, 0.3824)

Have a look what the booklet for
Yxy(64.6743, 0.3459, 0.3824)
contains.

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Color

Yxy(64.6747, 0.3459, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5A7
RGB	214, 213, 167
RGB Percent	84%, 84%, 65%
CMY	0.1608, 0.1647, 0.3451
CMYK	0.00, 0.00, 0.22, 0.16
HSL	59°, 36%, 75%
HSV	59°, 22%, 84%
XYZ	58.5015, 64.6747, 45.9522
YIQ	208.0550, 15.3620, -14.0940

Conversions

Conversions Part 2

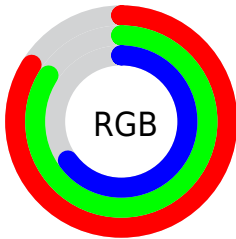
Format	Color
RYB	168, 214, 167
Decimal	14079399
CIELab	84.32, -7.08, 22.94
CIELCh	84, 24.007, 107.149
Yxy	64.6747, 0.3459, 0.3824
Android (android.graphics.Color)	4292269479 (0xFFD6D5A7)
YUV	208.0550, -20.2401, 5.2138
Hunter-Lab	80.4206, -10.8872, 22.4162

Details

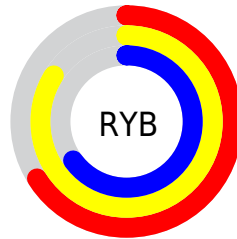
The Yxy color **64.6747, 0.3459, 0.3824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0716, 0.2759, 0.2694**, and the grayscale version is **63.2419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **33.0625, 0.3538, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **63.7209, 0.3612, 0.4068**, and if you desaturate by 10%, it is **65.7659, 0.3306, 0.3578**.

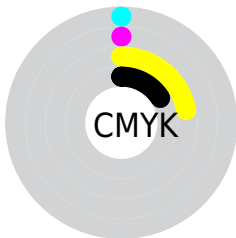
Distribution



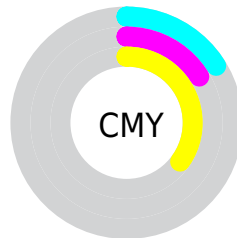
- Red (84%)
- Green (84%)
- Blue (65%)



- Red (66%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)




- Cyan (16%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6747, 0.3459, 0.3824 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 64.6747, 0.3459, 0.3824 by changing the saturation by 10% instead.


 64.6747, 0.3459,
0.3824


 64.6747, 0.3459,
0.3824


441.6221, 0.3305,
0.3569

 47.1974, 0.3494,
0.3884

 111.5820, 0.3406,
0.3734

 33.1917, 0.3537,
0.3959


 141.7808, 0.3385,
0.3699

 22.2733, 0.3591,
0.4056


176.9889, 0.3367,
0.3670

 14.0579, 0.3660,
0.4183

217.5906, 0.3351,
0.3644

 8.1609, 0.3751,
0.4360

263.9704, 0.3338,
0.3622

 4.1981, 0.3873,
0.4616

316.5126, 0.3325,

 1.7850, 0.4295,

0.3602

0.5340

375.6017, 0.3315,
0.3584

0.4778, 0.3706,
0.6294

0.0000, 0.0000,
0.0000

64.6747, 0.3459,
0.3824

64.6747, 0.3459,
0.3824

63.7209, 0.3612,
0.4068

65.7659, 0.3306,
0.3578

62.8894, 0.3758,
0.4301

66.9918, 0.3156,
0.3337

62.1761, 0.3893,
0.4514

68.3610, 0.3013,
0.3106

61.5733, 0.4009,
0.4696

69.8788, 0.2879,
0.2888

61.0725, 0.4103,
0.4840

70.2659, 0.2865,
0.2869

60.6638, 0.4171,
0.4942

70.4994, 0.2865,
0.2874

60.3353, 0.4213,
0.5000

70.7335, 0.2865,
0.2879

60.1135, 0.4231,
0.5022

70.9684, 0.2865,
0.2884

71.2038, 0.2866,
0.2889

Harmonies

Analogous

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



64.6747, 0.3666, 0.3717



64.6747, 0.3459, 0.3824



64.6747, 0.3169, 0.3777

Triad

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



64.6747, 0.3459, 0.3824



64.6747, 0.2564, 0.3028



64.6747, 0.3367, 0.3025

Complementary

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



64.6747, 0.3459, 0.3824



41.0716, 0.2759, 0.2694

Split Complementary

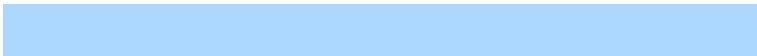
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6747, 0.3062, 0.2858



64.6747, 0.3459, 0.3824



64.6747, 0.2609, 0.2850

Square

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



64.6747, 0.3459, 0.3824



64.6747, 0.2659, 0.3295



64.6747, 0.2787, 0.2793



64.6747, 0.3615, 0.3257

Rectangle

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



64.6747, 0.3459, 0.3824



64.6747, 0.2970, 0.3658



64.6747, 0.2787, 0.2793



64.6747, 0.3268, 0.2960

Sweetspot

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



64.6776, 0.3459, 0.3824



98.6602, 0.3232, 0.3459



44.7780, 0.3557, 0.3272



21.0937, 0.3241, 0.3473



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.



64.6776, 0.3459, 0.3824



95.5410, 0.3525, 0.3929



62.1019, 0.3285, 0.3866



14.4723, 0.3267, 0.3516



36.3523, 0.4231, 0.5023



2.2074, 0.4224, 0.5028

Inverse Universe

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



41.0716, 0.2759, 0.2694



54.8777, 0.2677, 0.2559



43.2981, 0.2938, 0.2711



12.0507, 0.2981, 0.3054



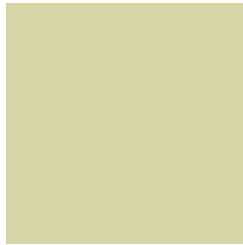
3.0138, 0.1504, 0.0615



0.1971, 0.1517, 0.0661

Previews

White Background



This preview shows how the Yxy color 64.6747, 0.3459, 0.3824 looks on a white background.

Color Contrast Check

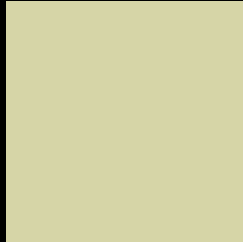
Large Text (above 18pt) WCAG AA × Fail

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 64.6747, 0.3459, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

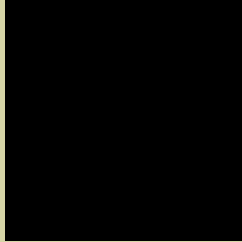
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

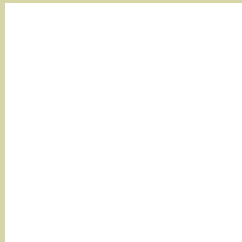
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6747, 0.3459, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 64.6747, 0.3459, 0.3824.



This preview shows how white text looks on a background with the Yxy color 64.6747, 0.3459, 0.3824.

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

64.6747, 0.3459, 0.3824

Protanopia

64.6937, 0.3554, 0.3789

Deuteranopia

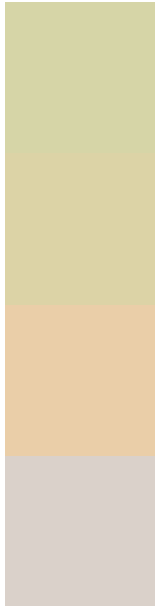
64.5181, 0.3726, 0.3646



Tritanopia

64.7887, 0.3128, 0.3114

Trichromacy



Original Color

64.6747, 0.3459, 0.3824

Protanomaly

64.5573, 0.3519, 0.3806

Deuteranomaly

64.4622, 0.3631, 0.3711

Tritanomaly

64.7706, 0.3245, 0.3369

Monochromacy



Original Color

64.6747, 0.3459, 0.3824

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6451, 0.3246, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6747, 0.3459, 0.3824 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, 213, 167)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 167)  
}
```

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, 213, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 167) }
```

Border

The CSS property to change the border of an element to Yxy 64.6747, 0.3459, 0.3824 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, 213, 167) }
```

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

```
.border{ border-color:rgb(214, 213, 167) }
```

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

Here you see how a box with a 4 pixel rgb(214, 213, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 167);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6747, 0.3459, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 167) }
```

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

```
.background{ background-color: rgb(214,  
213, 167) }
```

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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