

Converting Colors

$Yxy(64.3314, 0.3307, 0.3932)$

Have a look what the booklet for
Yxy(64.3314, 0.3307, 0.3932)
contains.

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Color

Yxy(64.3288, 0.3307, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	C2DAA5
RGB	194, 218, 165
RGB Percent	76%, 85%, 65%
CMY	0.2394, 0.1450, 0.3529
CMYK	0.11, 0.00, 0.24, 0.15
HSL	87°, 42%, 75%
HSV	87°, 24%, 85%
XYZ	54.1036, 64.3288, 45.1709
YIQ	204.7820, 2.7090, -21.5710

Conversions

Conversions Part 2

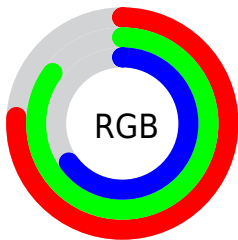
Format	Color
R _{YB}	165, 218, 189
Decimal	12769957
CIE Lab	84.14, -17.24, 23.49
CIE LCh	84, 29.136, 126.286
Yxy	64.3288, 0.3307, 0.3932
Android (android.graphics.Color)	4290960037 (0xFFC2DAA5)
YUV	204.7820, -19.6125, -9.4558
Hunter-Lab	80.2052, -19.9494, 22.7521

Details

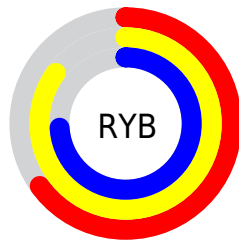
The Yxy color **64.3288, 0.3307, 0.3932** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8093, 0.2908, 0.2642**, and the grayscale version is **61.0280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1965, 0.3307, 0.3634**, and **32.9621, 0.3344, 0.4099** is the 20% darker color. If you saturate the color by 10%, you get **62.3380, 0.3375, 0.4222**, and if you desaturate by 10%, it is **66.5477, 0.3234, 0.3655**.

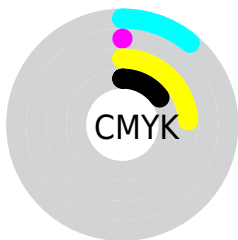
Distribution



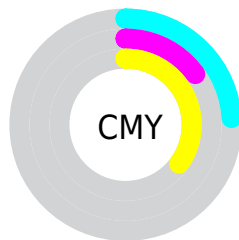
- Red (76%)
- Green (85%)
- Blue (65%)



- Red (65%)
- Yellow (85%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3288, 0.3307, 0.3932 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 64.3288, 0.3307, 0.3932 by changing the saturation by 10% instead.


 64.3288, 0.3307,
0.3932


 64.3288, 0.3307,
0.3932


440.3760, 0.3228,
0.3619

 46.9170, 0.3324,
0.4007


 111.0843, 0.3280,
0.3820

 32.9701, 0.3344,
0.4102


 141.1969, 0.3270,
0.3778

 22.1035, 0.3367,
0.4225


176.3118, 0.3260,
0.3742

 13.9330, 0.3395,
0.4392

216.8135, 0.3252,
0.3711

 8.0741, 0.3427,
0.4627

263.0864, 0.3245,
0.3683

 4.1424, 0.3455,
0.4981

315.5149, 0.3239,

 1.7535, 0.3745,

0.3659

0.6041

374.4833, 0.3233,
0.3638

0.4580, 0.0304,
0.9696

0.0000, 0.0000,
0.0000

64.3288, 0.3307,
0.3932

64.3288, 0.3307,
0.3932

62.3380, 0.3375,
0.4222

66.5477, 0.3234,
0.3655

60.5585, 0.3434,
0.4516

68.9945, 0.3159,
0.3395

58.9838, 0.3479,
0.4803

71.6793, 0.3085,
0.3157

57.6039, 0.3506,
0.5069

74.6095, 0.3014,
0.2941

■ 56.4077, 0.3511,
0.5299

■ 76.5051, 0.3064,
0.2921

■ 55.3825, 0.3493,
0.5482

■ 78.3183, 0.3132,
0.2929

■ 54.5134, 0.3453,
0.5609

■ 78.6310, 0.3144,
0.2930

■ 54.0752, 0.3424,
0.5664

Harmonies

Analogous

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



64.3288, 0.3635, 0.3910



64.3288, 0.3307, 0.3932



64.3288, 0.2943, 0.3750

Triad

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



64.3288, 0.3307, 0.3932



64.3288, 0.2465, 0.2816



64.3288, 0.3627, 0.3140

Complementary

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



64.3288, 0.3307, 0.3932



42.8093, 0.2908, 0.2642

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.



64.3288, 0.3285, 0.2887



64.3288, 0.3307, 0.3932



64.3288, 0.2622, 0.2699

Square

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



64.3288, 0.3307, 0.3932



64.3288, 0.2471, 0.3075



64.3288, 0.2916, 0.2728



64.3288, 0.3831, 0.3438

Rectangle

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



64.3288, 0.3307, 0.3932



64.3288, 0.2730, 0.3540



64.3288, 0.2916, 0.2728



64.3288, 0.3523, 0.3048

Sweetspot

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



64.3316, 0.3307, 0.3932



97.3984, 0.3180, 0.3465



53.9635, 0.3568, 0.3573



20.8009, 0.3184, 0.3480



0.0000, 0.0000, 0.0000



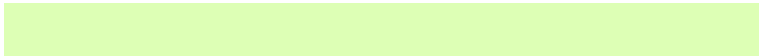
21.4041, 0.3127, 0.3290

Same Dimension

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



64.3316, 0.3307, 0.3932



90.2973, 0.3341, 0.4074



61.1569, 0.3114, 0.3972



14.9547, 0.3198, 0.3526



32.4562, 0.3434, 0.5656



2.1536, 0.3552, 0.5562

Inverse Universe

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



42.8093, 0.2908, 0.2642



54.6784, 0.2853, 0.2496



46.4826, 0.3132, 0.2684



12.9052, 0.3051, 0.3053



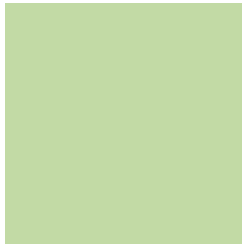
4.6832, 0.1942, 0.0843



0.3541, 0.2124, 0.0944

Previews

White Background



This preview shows how the Yxy color 64.3288, 0.3307, 0.3932 looks on a white background.

Color Contrast Check

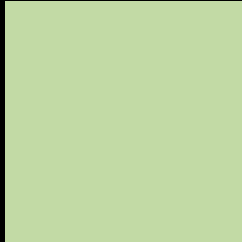
Large Text (above 18pt) WCAG AA × Fail

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 64.3288, 0.3307, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

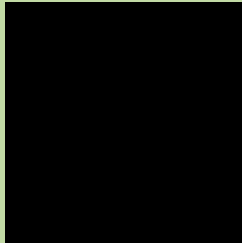
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3288, 0.3307, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 64.3288, 0.3307, 0.3932.



This preview shows how white text looks on a background with the Yxy color 64.3288, 0.3307, 0.3932.

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

64.3288, 0.3307, 0.3932

Protanopia

64.0214, 0.3593, 0.3836

Deuteranopia

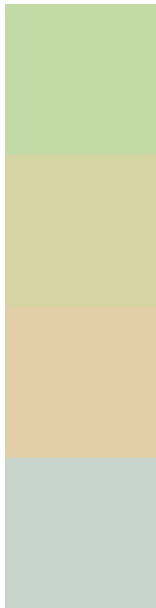
63.8710, 0.3721, 0.3636



Tritanopia

64.2807, 0.2969, 0.3108

Trichromacy



Original Color

64.3288, 0.3307, 0.3932

Protanomaly

63.8417, 0.3489, 0.3873

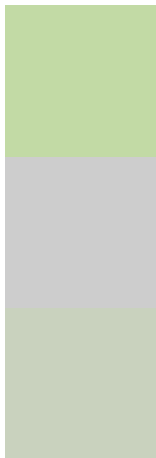
Deuteranomaly

63.6216, 0.3563, 0.3732

Tritanomaly

64.2275, 0.3093, 0.3395

Monochromacy



Original Color

64.3288, 0.3307, 0.3932

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.2284, 0.3199, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3288, 0.3307, 0.3932 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(194, 218, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 165)  
}
```

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(194, 218, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 165) }
```

Border

The CSS property to change the border of an element to Yxy 64.3288, 0.3307, 0.3932 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(194, 218, 165) }
```

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

```
.border{ border-color:rgb(194, 218, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 218, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 218, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 218, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 218,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3288, 0.3307, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 218, 165) }
```

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

```
.background{ background-color: rgb(194,  
218, 165) }
```

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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