

Converting Colors

Yxy(64.4112, 0.3284, 0.3957)

Have a look what the booklet for
Yxy(64.4112, 0.3284, 0.3957)
contains.

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Color

Yxy(64.4197, 0.3290, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	BFDBA4
RGB	191, 219, 164
RGB Percent	75%, 86%, 64%
CMY	0.2509, 0.1412, 0.3569
CMYK	0.13, 0.00, 0.25, 0.14
HSL	91°, 43%, 75%
HSV	91°, 25%, 86%
XYZ	53.5204, 64.4197, 44.7359
YIQ	204.3580, 0.9670, -23.0410

Conversions

Conversions Part 2

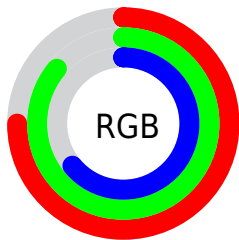
Format	Color
RYB	164, 219, 192
Decimal	12573604
CIELab	84.18, -18.94, 24.05
CIELCh	84, 30.611, 128.225
Yxy	64.4197, 0.3290, 0.3960
Android (android.graphics.Color)	4290763684 (0xFFBFDBA4)
YUV	204.3580, -19.8965, -11.7150
Hunter-Lab	80.2619, -21.4305, 23.1366

Details

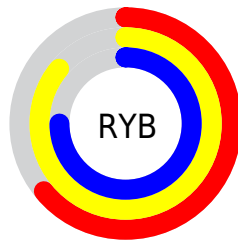
The Yxy color **64.4197, 0.3290, 0.3960** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8722, 0.2924, 0.2623**, and the grayscale version is **60.7524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5909, 0.3294, 0.3646**, and **33.0391, 0.3320, 0.4137** is the 20% darker color. If you saturate the color by 10%, you get **62.3075, 0.3348, 0.4256**, and if you desaturate by 10%, it is **66.7837, 0.3227, 0.3678**.

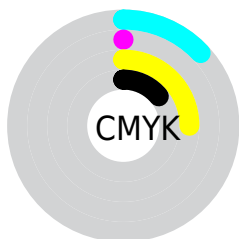
Distribution



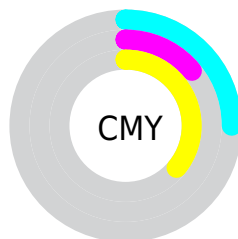
- Red (75%)
- Green (86%)
- Blue (64%)



- Red (64%)
- Yellow (86%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)





- Cyan (25%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4197, 0.3290, 0.3960 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 64.4197, 0.3290, 0.3960 by changing the saturation by 10% instead.


 64.4197, 0.3290,
0.3960

 64.4197, 0.3290,
0.3960


440.7037, 0.3219,
0.3633

 46.9907, 0.3305,
0.4039

 111.2152, 0.3267,
0.3843

 33.0283, 0.3322,
0.4138


 141.3504, 0.3257,
0.3799

 22.1481, 0.3341,
0.4268


176.4898, 0.3249,
0.3761

 13.9658, 0.3364,
0.4443

217.0178, 0.3242,
0.3728

 8.0969, 0.3387,
0.4691

263.3188, 0.3235,
0.3700

 4.1570, 0.3401,
0.5064

315.7772, 0.3229,

 1.7618, 0.3685,

0.3675

0.6215

374.7774, 0.3224,
0.3653

0.4632, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.4197, 0.3290,
0.3960

64.4197, 0.3290,
0.3960

62.3075, 0.3348,
0.4256

66.7837, 0.3227,
0.3678

60.4293, 0.3397,
0.4558

69.4000, 0.3161,
0.3416

58.7779, 0.3432,
0.4852

72.2797, 0.3095,
0.3176

57.3421, 0.3449,
0.5126

75.4307, 0.3032,
0.2958

■ 56.1098, 0.3445,
0.5362

■ 77.6109, 0.3086,
0.2934

■ 55.0672, 0.3419,
0.5548

■ 79.1441, 0.3144,
0.2940

■ 54.1979, 0.3373,
0.5677

■ 53.8240, 0.3346,
0.5725

Harmonies

Analogous

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



64.4197, 0.3640, 0.3949



64.4197, 0.3290, 0.3960



64.4197, 0.2910, 0.3756

Triad

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



64.4197, 0.3290, 0.3960



64.4197, 0.2439, 0.2780



64.4197, 0.3671, 0.3152

Complementary

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



64.4197, 0.3290, 0.3960



42.8722, 0.2924, 0.2623

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.



64.4197, 0.3318, 0.2883



64.4197, 0.3290, 0.3960



64.4197, 0.2614, 0.2668

Square

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



64.4197, 0.3290, 0.3960



64.4197, 0.2434, 0.3041



64.4197, 0.2929, 0.2709



64.4197, 0.3874, 0.3464

Rectangle

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



64.4197, 0.3290, 0.3960



64.4197, 0.2691, 0.3529



64.4197, 0.2929, 0.2709



64.4197, 0.3565, 0.3054

Sweetspot

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



64.4225, 0.3290, 0.3960



96.8389, 0.3180, 0.3491



55.2220, 0.3577, 0.3614



20.6060, 0.3190, 0.3530



0.0000, 0.0000, 0.0000



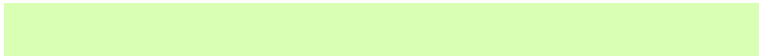
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4225, 0.3290, 0.3960



89.3637, 0.3321, 0.4111



61.2374, 0.3094, 0.4002



14.9185, 0.3189, 0.3526



31.9793, 0.3357, 0.5716



2.1230, 0.3482, 0.5617

Inverse Universe

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



42.8722, 0.2924, 0.2623



54.0782, 0.2873, 0.2474



46.7270, 0.3156, 0.2668



12.9412, 0.3060, 0.3054



5.1194, 0.2045, 0.0900



0.3829, 0.2221, 0.0997

Previews

White Background



This preview shows how the Yxy color 64.4197, 0.3290, 0.3960 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 64.4197, 0.3290, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

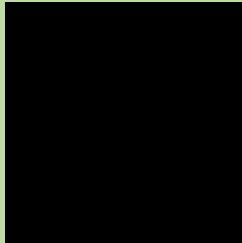
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.4197, 0.3290, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 64.4197, 0.3290, 0.3960.

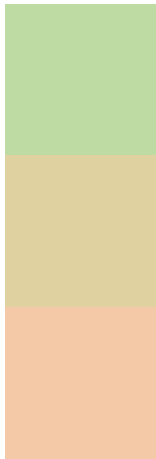


This preview shows how white text looks on a background with the Yxy color 64.4197, 0.3290, 0.3960.

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

64.4197, 0.3290, 0.3960

Protanopia

63.9863, 0.3601, 0.3847

Deuteranopia

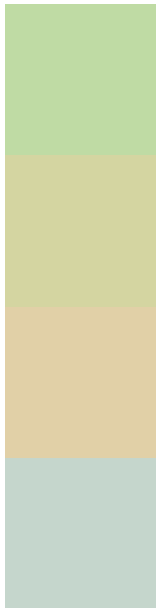
63.8335, 0.3729, 0.3647



Tritanopia

64.4139, 0.2942, 0.3108

Trichromacy



Original Color

64.4197, 0.3290, 0.3960

Protanomaly

64.1588, 0.3486, 0.3897

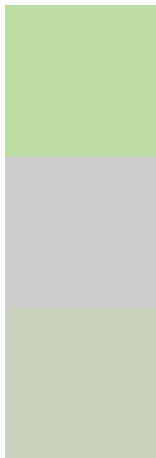
Deuteranomaly

63.9093, 0.3560, 0.3755

Tritanomaly

64.3231, 0.3071, 0.3407

Monochromacy



Original Color

64.4197, 0.3290, 0.3960

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.4172, 0.3191, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4197, 0.3290, 0.3960 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(191, 219, 164)` looks like.

```
.text, #text, p{  
    color:rgb(191, 219, 164)  
}
```

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(191, 219, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 164) }
```

Border

The CSS property to change the border of an element to Yxy 64.4197, 0.3290, 0.3960 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(191, 219, 164) }
```

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

```
.border{ border-color:rgb(191, 219, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 219, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 219, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 219, 164);  
box-shadow:4px 4px 4px 4px rgb(191, 219,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4197, 0.3290, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 164) }
```

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

```
.background{ background-color: rgb(191,  
219, 164) }
```

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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