

Converting Colors

Yxy(64.5361, 0.3228, 0.3979)

Have a look what the booklet for
Yxy(64.5361, 0.3228, 0.3979)
contains.

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Color

Yxy(64.6199, 0.3229, 0.3980)

Conversions

Conversions Part 1

Format	Color
Hex	B8DDA5
RGB	184, 221, 165
RGB Percent	72%, 87%, 65%
CMY	0.2782, 0.1334, 0.3529
CMYK	0.17, 0.00, 0.25, 0.13
HSL	100°, 45%, 76%
HSV	100°, 25%, 87%
XYZ	52.4265, 64.6199, 45.3151
YIQ	203.5530, -4.0760, -25.2600

Conversions

Conversions Part 2

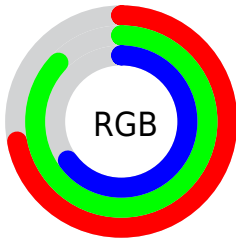
Format	Color
RYB	165, 221, 202
Decimal	12115365
CIELab	84.29, -22.22, 23.59
CIELCh	84, 32.405, 133.290
Yxy	64.6199, 0.3229, 0.3980
Android (android.graphics.Color)	4290305445 (0xFFB8DDA5)
YUV	203.5530, -19.0066, -17.1480
Hunter-Lab	80.3865, -24.2621, 22.8479

Details

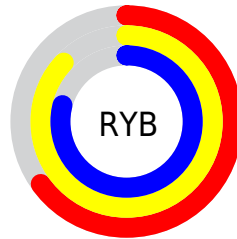
The Yxy color **64.6199, 0.3229, 0.3980** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.6869, 0.2993, 0.2630**, and the grayscale version is **60.2192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3881, 0.3243, 0.3641**, and **33.2105, 0.3240, 0.4167** is the 20% darker color. If you saturate the color by 10%, you get **62.1764, 0.3262, 0.4291**, and if you desaturate by 10%, it is **67.3937, 0.3191, 0.3689**.

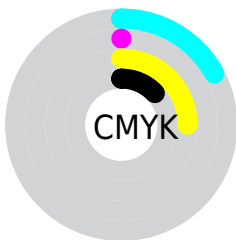
Distribution



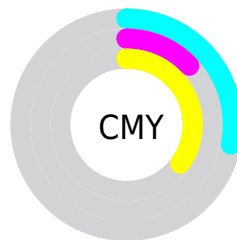
- Red (72%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)





- Cyan (28%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6199, 0.3229, 0.3980 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 64.6199, 0.3229, 0.3980 by changing the saturation by 10% instead.


 64.6199, 0.3229,
0.3980


 64.6199, 0.3229,
0.3980


441.4248, 0.3188,
0.3642

 47.1529, 0.3237,
0.4062


 111.5032, 0.3216,
0.3859

 33.1566, 0.3245,
0.4166


 141.6884, 0.3211,
0.3813

 22.2464, 0.3253,
0.4301


176.8817, 0.3206,
0.3774

 14.0381, 0.3260,
0.4484

217.4676, 0.3201,
0.3740

 8.1472, 0.3261,
0.4746

263.8304, 0.3198,
0.3711

 4.1893, 0.3242,
0.5144

316.3547, 0.3194,

 1.7800, 0.3428,

0.3685

0.6312

375.4247, 0.3191,
0.3662

0.4747, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.6199, 0.3229,
0.3980

64.6199, 0.3229,
0.3980

62.1764, 0.3262,
0.4291

67.3937, 0.3191,
0.3689

60.0420, 0.3287,
0.4612

70.5014, 0.3150,
0.3422

58.2060, 0.3299,
0.4929

73.9572, 0.3108,
0.3181

56.6535, 0.3297,
0.5226

77.7718, 0.3066,
0.2966

■ 55.3683, 0.3279,
0.5484

■ 80.1879, 0.3143,
0.2960

■ 54.3321, 0.3244,
0.5684

■ 53.5236, 0.3195,
0.5818

■ 53.2106, 0.3171,
0.5864

Harmonies

Analogous

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



64.6199, 0.3613, 0.4004



64.6199, 0.3229, 0.3980



64.6199, 0.2834, 0.3728

Triad

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



64.6199, 0.3229, 0.3980



64.6199, 0.2421, 0.2720



64.6199, 0.3753, 0.3197

Complementary

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



64.6199, 0.3229, 0.3980



44.6869, 0.2993, 0.2630

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.



64.6199, 0.3397, 0.2903



64.6199, 0.3229, 0.3980



64.6199, 0.2633, 0.2631

Square

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



64.6199, 0.3229, 0.3980



64.6199, 0.2385, 0.2969



64.6199, 0.2984, 0.2701



64.6199, 0.3931, 0.3527

Rectangle

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



64.6199, 0.3229, 0.3980



64.6199, 0.2616, 0.3476



64.6199, 0.2984, 0.2701



64.6199, 0.3649, 0.3092

Sweetspot

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



64.6227, 0.3229, 0.3980



96.2909, 0.3161, 0.3492



60.0482, 0.3559, 0.3711



20.4684, 0.3167, 0.3532



0.0000, 0.0000, 0.0000



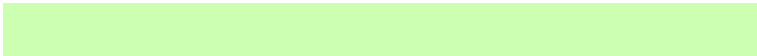
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6227, 0.3229, 0.3980



87.6657, 0.3246, 0.4131



62.7425, 0.3041, 0.3898



14.8204, 0.3167, 0.3528



30.9701, 0.3181, 0.5856



2.0530, 0.3309, 0.5755

Inverse Universe

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



44.6869, 0.2993, 0.2630



55.9146, 0.2961, 0.2494



47.0713, 0.3227, 0.2750



13.0416, 0.3084, 0.3056



6.6381, 0.2371, 0.1080



0.4768, 0.2510, 0.1156

Previews

White Background



This preview shows how the Yxy color 64.6199, 0.3229, 0.3980 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 64.6199, 0.3229, 0.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

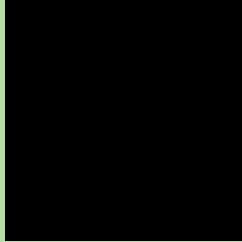
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6199, 0.3229, 0.3980

Background



This preview shows how black text looks on a background with the Yxy color 64.6199, 0.3229, 0.3980.

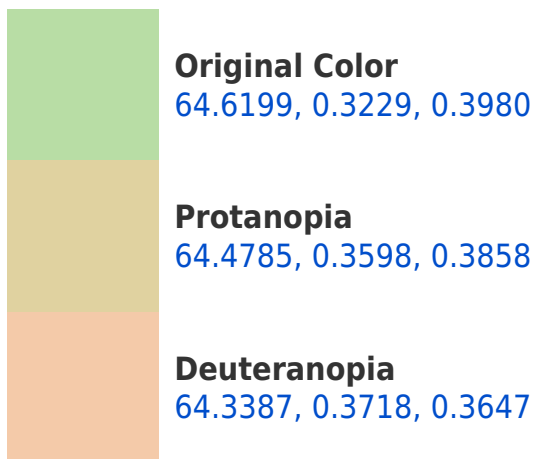


This preview shows how white text looks on a background with the Yxy color 64.6199, 0.3229, 0.3980.

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





Tritanopia

64.2134, 0.2888, 0.3094

Trichromacy



Original Color

64.6199, 0.3229, 0.3980

Protanomaly

64.2571, 0.3452, 0.3901

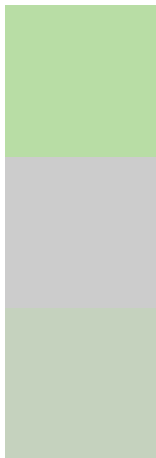
Deuteranomaly

63.9577, 0.3525, 0.3758

Tritanomaly

64.0043, 0.3008, 0.3397

Monochromacy



Original Color

64.6199, 0.3229, 0.3980

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.6812, 0.3168, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6199, 0.3229, 0.3980 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(184, 221, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 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(184, 221, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 165) }
```

Border

The CSS property to change the border of an element to Yxy 64.6199, 0.3229, 0.3980 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(184, 221, 165) }
```

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

```
.border{ border-color:rgb(184, 221, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6199, 0.3229, 0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 165) }
```

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

```
.background{ background-color: rgb(184,  
221, 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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