

Converting Colors

Yxy(66.9646, 0.3227, 0.4058)

Have a look what the booklet for
Yxy(66.9646, 0.3227, 0.4058)
contains.

Yxy(67.1043, 0.3228, 0.4061)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1043, 0.3228, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	B7E2A3
RGB	183, 226, 163
RGB Percent	72%, 89%, 64%
CMY	0.2823, 0.1137, 0.3607
CMYK	0.19, 0.00, 0.28, 0.11
HSL	101°, 52%, 76%
HSV	101°, 28%, 89%
XYZ	53.3397, 67.1043, 44.7968
YIQ	205.9610, -5.4050, -28.7090

Conversions

Conversions Part 2

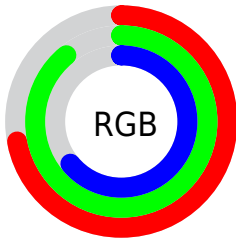
Format	Color
RYB	163, 226, 206
Decimal	12051107
CIELab	85.56, -25.32, 26.35
CIELCh	86, 36.543, 133.865
Yxy	67.1043, 0.3228, 0.4061
Android (android.graphics.Color)	4290241187 (0xFFB7E2A3)
YUV	205.9610, -21.1798, -20.1368
Hunter-Lab	81.9172, -27.1263, 24.9191

Details

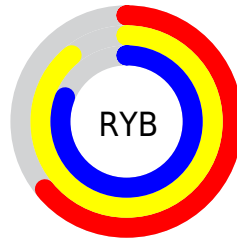
The Yxy color **67.1043, 0.3228, 0.4061** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.8111, 0.2988, 0.2562**, and the grayscale version is **61.8401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1072, 0.3248, 0.3662**, and **34.9406, 0.3237, 0.4271** is the 20% darker color. If you saturate the color by 10%, you get **64.5791, 0.3256, 0.4378**, and if you desaturate by 10%, it is **69.9873, 0.3194, 0.3762**.

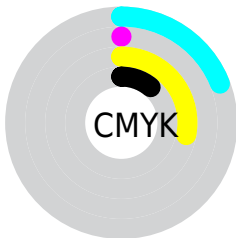
Distribution



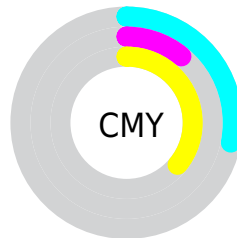
- Red (72%)
- Green (89%)
- Blue (64%)



- Red (64%)
- Yellow (89%)
- Blue (81%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)





- Cyan (28%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1043, 0.3228, 0.4061 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 67.1043, 0.3228, 0.4061 by changing the saturation by 10% instead.


 67.1043, 0.3228,
0.4061


 67.1043, 0.3228,
0.4061


450.3159, 0.3189,
0.3684

 49.1694, 0.3234,
0.4152


 115.0699, 0.3217,
0.3926

 34.7539, 0.3240,
0.4267


 145.8693, 0.3212,
0.3875

 23.4733, 0.3246,
0.4416

181.7257, 0.3207,
0.3832

 14.9434, 0.3248,
0.4617

223.0234, 0.3203,
0.3794

 8.7797, 0.3240,
0.4901

270.1469, 0.3199,
0.3761

 4.5978, 0.3206,
0.5328

323.4806, 0.3196,

 2.0132, 0.3351,

0.3733

0.6541

383.4088, 0.3192,
0.3707

0.6151, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.1043, 0.3228,
0.4061

67.1043, 0.3228,
0.4061

64.5791, 0.3256,
0.4378

69.9873, 0.3194,
0.3762

62.3887, 0.3274,
0.4703

73.2328, 0.3157,
0.3488

60.5204, 0.3281,
0.5021

76.8566, 0.3119,
0.3239

58.9576, 0.3273,
0.5313

80.8706, 0.3081,
0.3018

■ 57.6818, 0.3248,
0.5559

■ 82.8727, 0.3140,
0.3009

■ 56.6720, 0.3209,
0.5744

■ 55.9018, 0.3159,
0.5861

■ 55.7621, 0.3149,
0.5882

Harmonies

Analogous

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



67.1043, 0.3656, 0.4087



67.1043, 0.3228, 0.4061



67.1043, 0.2791, 0.3774

Triad

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



67.1043, 0.3228, 0.4061



67.1043, 0.2350, 0.2653



67.1043, 0.3831, 0.3190

Complementary

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



67.1043, 0.3228, 0.4061



44.8111, 0.2988, 0.2562

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.



67.1043, 0.3435, 0.2867



67.1043, 0.3228, 0.4061



67.1043, 0.2585, 0.2562

Square

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



67.1043, 0.3228, 0.4061



67.1043, 0.2306, 0.2922



67.1043, 0.2974, 0.2643



67.1043, 0.4025, 0.3554

Rectangle

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



67.1043, 0.3228, 0.4061



67.1043, 0.2553, 0.3487



67.1043, 0.2974, 0.2643



67.1043, 0.3716, 0.3075

Sweetspot

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



67.1072, 0.3228, 0.4061



96.2098, 0.3158, 0.3492



62.4784, 0.3606, 0.3767



20.4481, 0.3164, 0.3532



0.0000, 0.0000, 0.0000



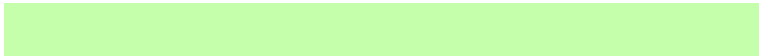
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1072, 0.3228, 0.4061



86.4030, 0.3244, 0.4229



65.2176, 0.3026, 0.3956



15.5474, 0.3163, 0.3529



31.8685, 0.3159, 0.5874



2.2558, 0.3277, 0.5780

Inverse Universe

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



44.8111, 0.2988, 0.2562



52.8277, 0.2954, 0.2413



47.3001, 0.3248, 0.2705



13.7060, 0.3087, 0.3055



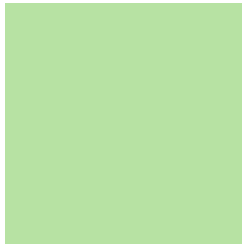
7.1303, 0.2423, 0.1109



0.5415, 0.2547, 0.1177

Previews

White Background



This preview shows how the Yxy color 67.1043, 0.3228, 0.4061 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 67.1043, 0.3228, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

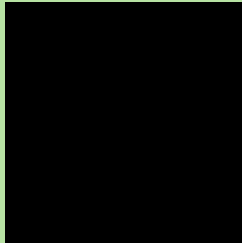
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1043, 0.3228, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 67.1043, 0.3228, 0.4061.

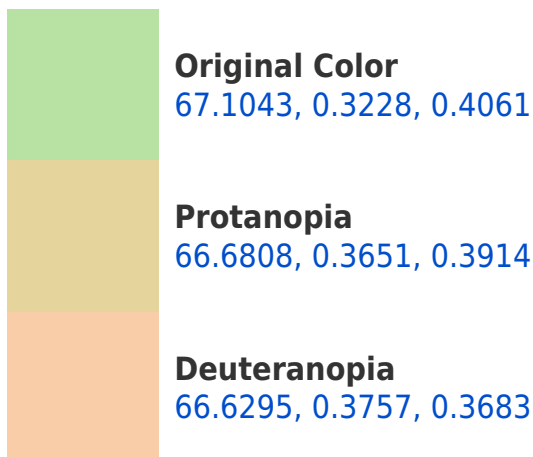


This preview shows how white text looks on a background with the Yxy color 67.1043, 0.3228, 0.4061.

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

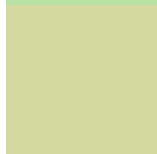
67.0356, 0.2860, 0.3097

Trichromacy



Original Color

67.1043, 0.3228, 0.4061



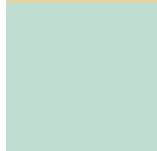
Protanomaly

66.6431, 0.3487, 0.3974



Deuteranomaly

66.3492, 0.3554, 0.3820



Tritanomaly

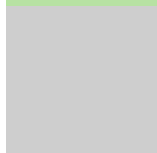
66.6876, 0.2995, 0.3431

Monochromacy



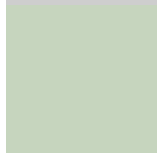
Original Color

67.1043, 0.3228, 0.4061



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

63.3120, 0.3173, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1043, 0.3228, 0.4061 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(183, 226, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 163)  
}
```

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(183, 226, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 163) }
```

Border

The CSS property to change the border of an element to Yxy 67.1043, 0.3228, 0.4061 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(183, 226, 163) }
```

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

```
.border{ border-color:rgb(183, 226, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 226, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 226, 163); box-shadow:4px 4px 4px 4px rgb(183, 226, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1043, 0.3228, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 163) }
```

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

```
.background{ background-color: rgb(183,  
226, 163) }
```

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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