

Converting Colors

Yxy(61.8189, 0.3224, 0.3818)

Have a look what the booklet for
Yxy(61.8189, 0.3224, 0.3818)
contains.

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Color

Yxy(61.7248, 0.3227, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	BCD6AB
RGB	188, 214, 171
RGB Percent	74%, 84%, 67%
CMY	0.2629, 0.1607, 0.3295
CMYK	0.12, 0.00, 0.20, 0.16
HSL	96°, 34%, 75%
HSV	96°, 20%, 84%
XYZ	52.1293, 61.7248, 47.6869
YIQ	201.3240, -1.6930, -18.8850

Conversions

Conversions Part 2

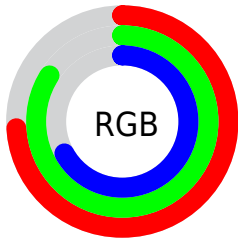
Format	Color
RYB	171, 214, 197
Decimal	12375723
CIELab	82.77, -16.44, 18.40
CIELCh	83, 24.679, 131.776
Yxy	61.7248, 0.3227, 0.3821
Android (android.graphics.Color)	4290565803 (0xFFBCD6AB)
YUV	201.3240, -14.9497, -11.6851
Hunter-Lab	78.5651, -19.0513, 19.0082

Details

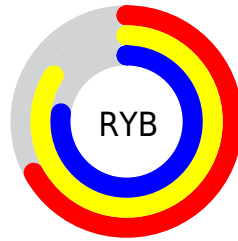
The Yxy color **61.7248, 0.3227, 0.3821** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8510, 0.3006, 0.2771**, and the grayscale version is **58.7131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2441, 0.3227, 0.3578**, and **31.1965, 0.3240, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **59.4046, 0.3272, 0.4118**, and if you desaturate by 10%, it is **64.3302, 0.3178, 0.3545**.

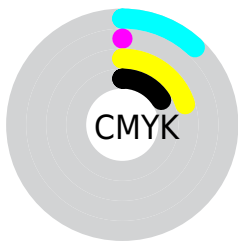
Distribution



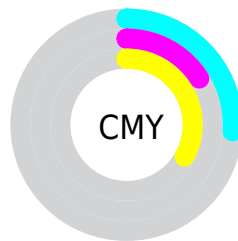
- Red (74%)
- Green (84%)
- Blue (67%)



- Red (67%)
- Yellow (84%)
- Blue (77%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7248, 0.3227, 0.3821 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 61.7248, 0.3227, 0.3821 by changing the saturation by 10% instead.


 61.7248, 0.3227,
0.3821

 61.7248, 0.3227,
0.3821


430.9265, 0.3183,
0.3561

 44.8104, 0.3236,
0.3884


 107.3277, 0.3213,
0.3728

 31.3081, 0.3247,
0.3964


136.7849, 0.3207,
0.3692

 20.8336, 0.3259,
0.4069


171.1919, 0.3202,
0.3662

 13.0024, 0.3274,
0.4213

210.9330, 0.3197,
0.3636

 7.4302, 0.3289,
0.4418

256.3926, 0.3193,
0.3614

 3.7326, 0.3300,
0.4737

307.9552, 0.3189,

 1.5251, 0.3474,

0.3594

0.5600

366.0050, 0.3186,
0.3576

■ 0.3063, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7248, 0.3227,
0.3821

■ 61.7248, 0.3227,
0.3821

■ 59.4046, 0.3272,
0.4118

■ 64.3302, 0.3178,
0.3545

■ 57.3513, 0.3310,
0.4428

■ 67.2224, 0.3128,
0.3293


■ 55.5567, 0.3337,
0.4741


■ 70.4131, 0.3078,
0.3065

■ 54.0091, 0.3350,
0.5043

■ 73.8083, 0.3039,
0.2877

 52.6957, 0.3346,
0.5315

 76.1545, 0.3130,
0.2889

 51.6022, 0.3323,
0.5542

 76.5803, 0.3146,
0.2891

 50.7123, 0.3281,
0.5709

 50.0068, 0.3229,
0.5818

Harmonies

Analogous

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



61.7248, 0.3520, 0.3839



61.7248, 0.3227, 0.3821



61.7248, 0.2917, 0.3637

Triad

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



61.7248, 0.3227, 0.3821



61.7248, 0.2568, 0.2855



61.7248, 0.3599, 0.3209

Complementary

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



61.7248, 0.3227, 0.3821



45.8510, 0.3006, 0.2771

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.



61.7248, 0.3322, 0.2976



61.7248, 0.3227, 0.3821



61.7248, 0.2731, 0.2773

Square

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



61.7248, 0.3227, 0.3821



61.7248, 0.2547, 0.3060



61.7248, 0.3003, 0.2820



61.7248, 0.3744, 0.3470

Rectangle

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



61.7248, 0.3227, 0.3821



61.7248, 0.2742, 0.3450



61.7248, 0.3003, 0.2820



61.7248, 0.3517, 0.3125

Sweetspot

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



61.7275, 0.3227, 0.3821



97.3391, 0.3158, 0.3440



57.0811, 0.3465, 0.3596



20.7746, 0.3161, 0.3457



0.0000, 0.0000, 0.0000



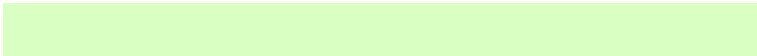
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7275, 0.3227, 0.3821



90.3045, 0.3246, 0.3942



59.8632, 0.3073, 0.3785



14.1326, 0.3175, 0.3527



30.2778, 0.3239, 0.5810



1.8735, 0.3377, 0.5701

Inverse Universe

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



45.8510, 0.3006, 0.2771



62.6778, 0.2976, 0.2657



48.0577, 0.3186, 0.2841



12.3768, 0.3075, 0.3056



5.8429, 0.2249, 0.1012



0.3998, 0.2413, 0.1103

Previews

White Background



This preview shows how the Yxy color 61.7248, 0.3227, 0.3821 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 61.7248, 0.3227, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

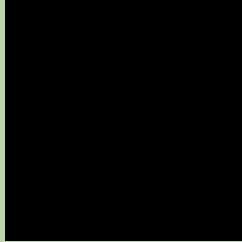
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7248, 0.3227, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 61.7248, 0.3227, 0.3821.



This preview shows how white text looks on a background with the Yxy color 61.7248, 0.3227, 0.3821.

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

61.7248, 0.3227, 0.3821

Protanopia

61.3581, 0.3510, 0.3731

Deuteranopia

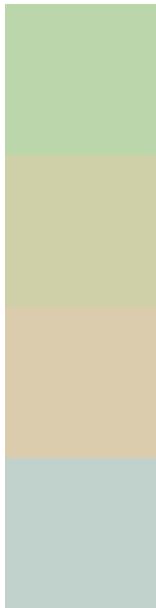
61.4487, 0.3632, 0.3556



Tritanopia

61.6891, 0.2939, 0.3104

Trichromacy



Original Color

61.7248, 0.3227, 0.3821

Protanomaly

61.2043, 0.3406, 0.3766

Deuteranomaly

61.2629, 0.3475, 0.3649

Tritanomaly

61.7903, 0.3043, 0.3361

Monochromacy



Original Color

61.7248, 0.3227, 0.3821

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5961, 0.3164, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7248, 0.3227, 0.3821 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(188, 214, 171)` looks like.

```
.text, #text, p{  
    color:rgb(188, 214, 171)  
}
```

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(188, 214, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 214, 171) }
```

Border

The CSS property to change the border of an element to Yxy 61.7248, 0.3227, 0.3821 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(188, 214, 171) }
```

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

```
.border{ border-color:rgb(188, 214, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 214, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 214, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 214, 171);  
box-shadow:4px 4px 4px 4px rgb(188, 214,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7248, 0.3227, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 214, 171) }
```

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

```
.background{ background-color: rgb(188,  
214, 171) }
```

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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