

Converting Colors

Yxy(64.7913, 0.3111, 0.3625)

Have a look what the booklet for
Yxy(64.7913, 0.3111, 0.3625)
contains.

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Color

Yxy(64.8077, 0.3111, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	BEDABE
RGB	190, 218, 190
RGB Percent	75%, 85%, 75%
CMY	0.2551, 0.1450, 0.2550
CMYK	0.13, 0.00, 0.13, 0.15
HSL	120°, 28%, 80%
HSV	120°, 13%, 85%
XYZ	55.5877, 64.8077, 58.2858
YIQ	206.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

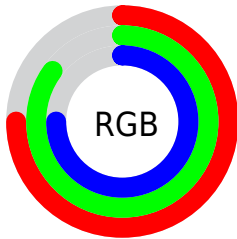
Format	Color
RYB	190, 218, 218
Decimal	12507838
CIELab	84.38, -14.56, 10.68
CIElCh	84, 18.057, 143.720
Yxy	64.8077, 0.3111, 0.3627
Android (android.graphics.Color)	4290697918 (0xFFBEDABE)
YUV	206.4360, -8.1029, -14.4144
Hunter-Lab	80.5032, -17.6258, 13.4252

Details

The Yxy color $64.8077, 0.3111, 0.3627$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $56.7692, 0.3142, 0.2975$, and the grayscale version is $62.0664, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7667, 0.3123, 0.3378$, and $33.2348, 0.3098, 0.3708$ is the 20% darker color. If you saturate the color by 10%, you get $61.3294, 0.3097, 0.3928$, and if you desaturate by 10%, it is $68.8535, 0.3124, 0.3360$.

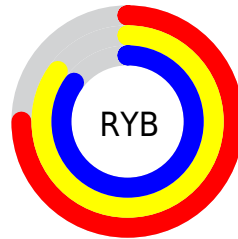
Distribution



Red (75%)

Green (85%)

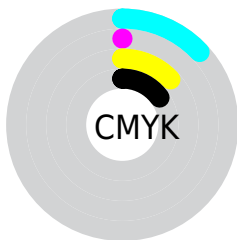
Blue (75%)



Red (75%)

Yellow (85%)

Blue (85%)

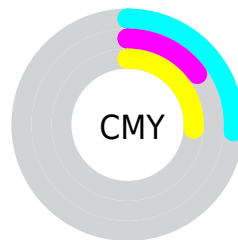


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (26%)


Magenta (15%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8077, 0.3111, 0.3627 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 64.8077, 0.3111, 0.3627 by changing the saturation by 10% instead.


 64.8077, 0.3111,
0.3627

 64.8077, 0.3111,
0.3627


442.1006, 0.3120,
0.3464

 47.3052, 0.3108,
0.3666


 111.7733, 0.3115,
0.3569

 33.2770, 0.3105,
0.3715


142.0052, 0.3116,
0.3547

 22.3387, 0.3100,
0.3779


177.2491, 0.3117,
0.3528

 14.1060, 0.3092,
0.3866

217.8892, 0.3118,
0.3512

 8.1944, 0.3080,
0.3990

264.3100, 0.3119,
0.3498

 4.2196, 0.3058,
0.4181

316.8959, 0.3119,

 1.7971, 0.3011,

0.3485

0.4511

376.0313, 0.3120,
0.3474

0.4854, 0.1792,
0.8208

0.0000, 0.0000,
0.0000

64.8077, 0.3111,
0.3627

64.8077, 0.3111,
0.3627

61.3294, 0.3097,
0.3928

68.8535, 0.3124,
0.3360

58.3854, 0.3081,
0.4261

73.4819, 0.3135,
0.3128

55.9519, 0.3064,
0.4615

78.6342, 0.3144,
0.2930

53.9997, 0.3047,
0.4973

■ 52.4969, 0.3031,
0.5312

■ 51.4078, 0.3018,
0.5603

■ 50.6912, 0.3008,
0.5820

■ 50.2973, 0.3002,
0.5950

■ 50.1551, 0.3000,
0.5999

Harmonies

Analogous

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



64.8077, 0.3335, 0.3691



64.8077, 0.3111, 0.3627



64.8077, 0.2897, 0.3461

Triad

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



64.8077, 0.3111, 0.3627



64.8077, 0.2756, 0.2940



64.8077, 0.3521, 0.3310

Complementary

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



64.8077, 0.3111, 0.3627



56.7692, 0.3142, 0.2975

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.



64.8077, 0.3355, 0.3125



64.8077, 0.3111, 0.3627



64.8077, 0.2912, 0.2915

Square

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



64.8077, 0.3111, 0.3627



64.8077, 0.2697, 0.3059



64.8077, 0.3131, 0.2983



64.8077, 0.3577, 0.3497

Rectangle

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



64.8077, 0.3111, 0.3627



64.8077, 0.2788, 0.3321



64.8077, 0.3131, 0.2983



64.8077, 0.3476, 0.3246

Sweetspot

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



64.8105, 0.3111, 0.3627



97.4780, 0.3122, 0.3389



68.7780, 0.3319, 0.3607



20.7660, 0.3121, 0.3409



0.0000, 0.0000, 0.0000



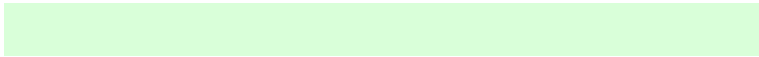
21.4041, 0.3127, 0.3290

Same Dimension

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



64.8105, 0.3111, 0.3627



91.2337, 0.3108, 0.3692



65.4520, 0.3020, 0.3456



14.6066, 0.3116, 0.3531



30.0414, 0.3000, 0.5999



1.9464, 0.2999, 0.5995

Inverse Universe

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



56.7692, 0.3142, 0.2975



77.9726, 0.3145, 0.2918



56.0673, 0.3250, 0.3130



13.2745, 0.3138, 0.3060



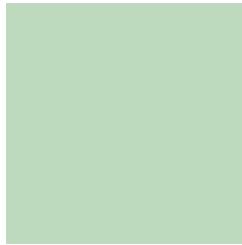
11.9508, 0.3214, 0.1544



0.7744, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 64.8077, 0.3111, 0.3627 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 64.8077, 0.3111, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

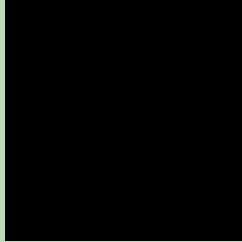
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

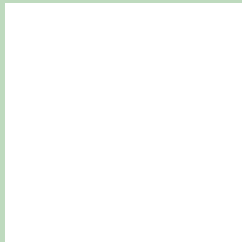
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8077, 0.3111, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 64.8077, 0.3111, 0.3627.

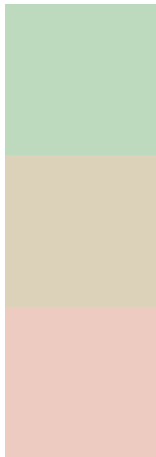


This preview shows how white text looks on a background with the Yxy color 64.8077, 0.3111, 0.3627.

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

64.8077, 0.3111, 0.3627

Protanopia

64.8540, 0.3375, 0.3563

Deuteranopia

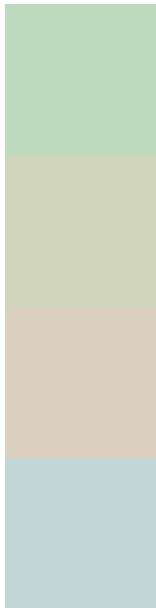
64.5667, 0.3470, 0.3400



Tritanopia

64.4799, 0.2902, 0.3095

Trichromacy



Original Color

64.8077, 0.3111, 0.3627

Protanomaly

64.7317, 0.3278, 0.3593

Deuteranomaly

64.1332, 0.3334, 0.3472

Tritanomaly

64.4688, 0.2978, 0.3278

Monochromacy



Original Color

64.8077, 0.3111, 0.3627

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5427, 0.3122, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8077, 0.3111, 0.3627 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(190, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 190)  
}
```

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(190, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 190) }
```

Border

The CSS property to change the border of an element to Yxy 64.8077, 0.3111, 0.3627 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(190, 218, 190) }
```

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

```
.border{ border-color:rgb(190, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8077, 0.3111, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 190) }
```

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

```
.background{ background-color: rgb(190,  
218, 190) }
```

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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