

Converting Colors

Yxy(64.4881, 0.3119, 0.3601)

Have a look what the booklet for
Yxy(64.4881, 0.3119, 0.3601)
contains.

Yxy(64.5938, 0.3120, 0.3601)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.5938, 0.3120, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	C0D9BF
RGB	192, 217, 191
RGB Percent	75%, 85%, 75%
CMY	0.2469, 0.1491, 0.2509
CMYK	0.11, 0.00, 0.12, 0.15
HSL	118°, 25%, 80%
HSV	118°, 12%, 85%
XYZ	55.9657, 64.5938, 58.8178
YIQ	206.5610, -6.5540, -13.3860

Conversions

Conversions Part 2

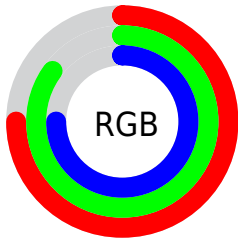
Format	Color
RYB	191, 217, 216
Decimal	12638655
CIELab	84.27, -13.13, 10.00
CIELCh	84, 16.509, 142.711
Yxy	64.5938, 0.3120, 0.3601
Android (android.graphics.Color)	4290828735 (0xFFC0D9BF)
YUV	206.5610, -7.6716, -12.7700
Hunter-Lab	80.3703, -16.3497, 12.8686

Details

The Yxy color **64.5938, 0.3120, 0.3601** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.8715, 0.3133, 0.2996**, and the grayscale version is **62.1604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3751, 0.3136, 0.3367**, and **33.0789, 0.3109, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **61.1796, 0.3112, 0.3898**, and if you desaturate by 10%, it is **68.5401, 0.3126, 0.3338**.

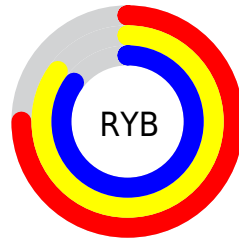
Distribution



Red (75%)

Green (85%)

Blue (75%)



Red (75%)

Yellow (85%)

Blue (85%)

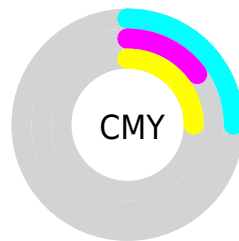


Cyan (11%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (25%)


Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5938, 0.3120, 0.3601 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 64.5938, 0.3120, 0.3601 by changing the saturation by 10% instead.


 64.5938, 0.3120,
0.3601

 64.5938, 0.3120,
0.3601


441.3308, 0.3125,
0.3451

 47.1318, 0.3118,
0.3637


 111.4657, 0.3122,
0.3548

 33.1398, 0.3116,
0.3682


141.6443, 0.3123,
0.3527

 22.2336, 0.3113,
0.3741


176.8306, 0.3123,
0.3510

 14.0286, 0.3108,
0.3821

217.4090, 0.3124,
0.3495

 8.1406, 0.3100,
0.3934

263.7638, 0.3124,
0.3482

 4.1850, 0.3085,
0.4109


316.2794, 0.3124,


 1.7776, 0.3050,

0.3470

0.4412


375.3403, 0.3125,
0.3460


 0.4732, 0.2143,
0.7857


 0.0000, 0.0000,
0.0000


 64.5938, 0.3120,
0.3601


 64.5938, 0.3120,
0.3601


 61.1796, 0.3112,
0.3898

 68.5401, 0.3126,
0.3338


 58.2671, 0.3102,
0.4226

 73.0313, 0.3131,
0.3108

 55.8350, 0.3090,
0.4575

 78.0179, 0.3141,
0.2920

 53.8575, 0.3075,
0.4931

 78.1011, 0.3145,
0.2920

■ 52.3065, 0.3059,
0.5270

■ 51.1505, 0.3043,
0.5566

■ 50.3538, 0.3027,
0.5792

■ 49.8742, 0.3013,
0.5935

■ 49.6768, 0.3007,
0.5995

Harmonies

Analogous

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



64.5938, 0.3324, 0.3657



64.5938, 0.3120, 0.3601



64.5938, 0.2923, 0.3453

Triad

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



64.5938, 0.3120, 0.3601



64.5938, 0.2784, 0.2972



64.5938, 0.3483, 0.3303

Complementary

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



64.5938, 0.3120, 0.3601



56.8715, 0.3133, 0.2996

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.



64.5938, 0.3330, 0.3133



64.5938, 0.3120, 0.3601



64.5938, 0.2925, 0.2945

Square

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



64.5938, 0.3120, 0.3601



64.5938, 0.2733, 0.3084



64.5938, 0.3124, 0.3004



64.5938, 0.3538, 0.3476

Rectangle

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



64.5938, 0.3120, 0.3601



64.5938, 0.2820, 0.3326



64.5938, 0.3124, 0.3004



64.5938, 0.3441, 0.3244

Sweetspot

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



64.5966, 0.3120, 0.3601



97.5498, 0.3125, 0.3389



67.4670, 0.3307, 0.3570



20.7841, 0.3125, 0.3409



0.0000, 0.0000, 0.0000



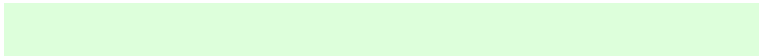
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5966, 0.3120, 0.3601



91.9783, 0.3118, 0.3662



64.9976, 0.3036, 0.3459



14.6308, 0.3122, 0.3531



30.0852, 0.3009, 0.5993



1.9580, 0.3037, 0.5971

Inverse Universe

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



56.8715, 0.3133, 0.2996



79.0316, 0.3134, 0.2942



56.4423, 0.3230, 0.3127



13.2471, 0.3132, 0.3059



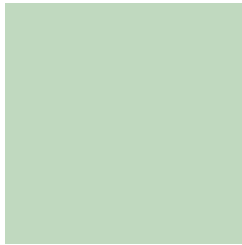
11.1947, 0.3111, 0.1487



0.7336, 0.3128, 0.1497

Previews

White Background



This preview shows how the Yxy color 64.5938, 0.3120, 0.3601 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 64.5938, 0.3120, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

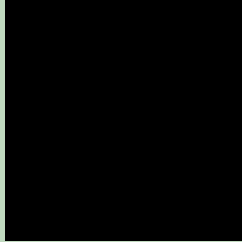
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

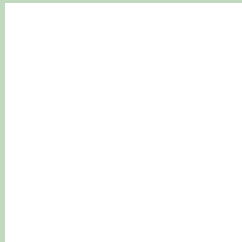
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5938, 0.3120, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 64.5938, 0.3120, 0.3601.

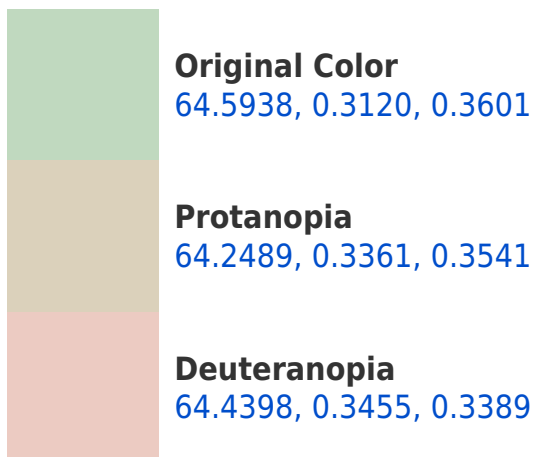


This preview shows how white text looks on a background with the Yxy color 64.5938, 0.3120, 0.3601.

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

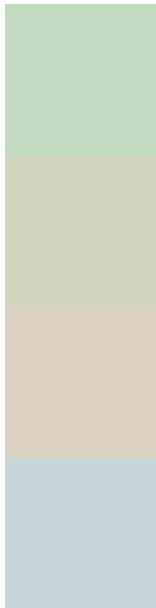




Tritanopia

64.6942, 0.2922, 0.3107

Trichromacy



Original Color

64.5938, 0.3120, 0.3601

Protanomaly

64.2731, 0.3272, 0.3569

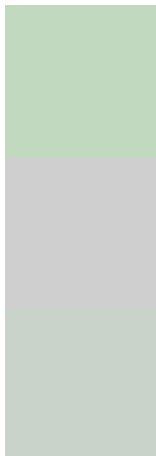
Deuteranomaly

64.1776, 0.3327, 0.3460

Tritanomaly

64.7352, 0.2991, 0.3278

Monochromacy



Original Color

64.5938, 0.3120, 0.3601

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3621, 0.3129, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5938, 0.3120, 0.3601 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(192, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 191)  
}
```

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(192, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 64.5938, 0.3120, 0.3601 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(192, 217, 191) }
```

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

```
.border{ border-color:rgb(192, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5938, 0.3120, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 191) }
```

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

```
.background{ background-color: rgb(192,  
217, 191) }
```

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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