

Converting Colors

Yxy(61.6849, 0.3303, 0.3879)

Have a look what the booklet for
Yxy(61.6849, 0.3303, 0.3879)
contains.

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Color

Yxy(61.6426, 0.3308, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	C1D5A5
RGB	193, 213, 165
RGB Percent	76%, 84%, 65%
CMY	0.2431, 0.1647, 0.3529
CMYK	0.09, 0.00, 0.23, 0.16
HSL	85°, 36%, 74%
HSV	85°, 23%, 84%
XYZ	52.5822, 61.6426, 44.7298
YIQ	201.5480, 3.4880, -19.1680

Conversions

Conversions Part 2

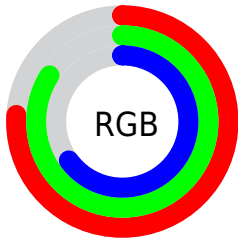
Format	Color
RYB	165, 213, 185
Decimal	12703141
CIELab	82.72, -15.07, 21.54
CIElCh	83, 26.285, 124.985
Yxy	61.6426, 0.3308, 0.3878
Android (android.graphics.Color)	4290893221 (0xFFC1D5A5)
YUV	201.5480, -18.0182, -7.4966
Hunter-Lab	78.5128, -17.8510, 21.1806

Details

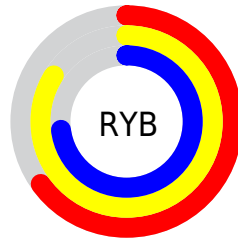
The Yxy color **61.6426, 0.3308, 0.3878** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0331, 0.2912, 0.2691**, and the grayscale version is **58.8827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0113, 0.3301, 0.3635**, and **31.1349, 0.3347, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **59.8019, 0.3384, 0.4163**, and if you desaturate by 10%, it is **63.6878, 0.3228, 0.3606**.

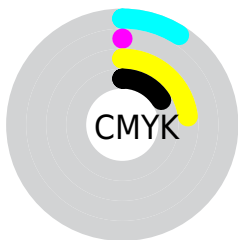
Distribution



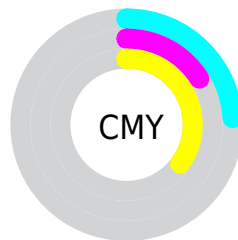
- Red (76%)
- Green (84%)
- Blue (65%)



- Red (65%)
- Yellow (84%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6426, 0.3308, 0.3878 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 61.6426, 0.3308, 0.3878 by changing the saturation by 10% instead.


 61.6426, 0.3308,
0.3878

 61.6426, 0.3308,
0.3878


430.6262, 0.3226,
0.3590

 44.7440, 0.3326,
0.3948


 107.2088, 0.3280,
0.3775

 31.2558, 0.3347,
0.4036


 136.6452, 0.3269,
0.3736

 20.7937, 0.3373,
0.4151


171.0296, 0.3260,
0.3703

 12.9733, 0.3405,
0.4307

210.7465, 0.3251,
0.3674

 7.4102, 0.3443,
0.4529

256.1802, 0.3244,
0.3649

 3.7199, 0.3484,
0.4868

307.7151, 0.3237,

 1.5182, 0.3873,

0.3627

0.6016

365.7357, 0.3232,
0.3608

0.3015, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.6426, 0.3308,
0.3878

61.6426, 0.3308,
0.3878

59.8019, 0.3384,
0.4163

63.6878, 0.3228,
0.3606

58.1500, 0.3451,
0.4452


65.9365, 0.3147,
0.3351

56.6814, 0.3505,
0.4735

68.3982, 0.3068,
0.3117


55.3873, 0.3542,
0.4998


71.0792, 0.2992,
0.2904


 54.2576, 0.3557,
0.5229


 72.8760, 0.3023,
0.2865

 53.2814, 0.3548,
0.5414

 74.4439, 0.3085,
0.2873

 52.4453, 0.3516,
0.5547

 76.0684, 0.3146,
0.2881

 51.8961, 0.3481,
0.5618

Harmonies

Analogous

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



61.6426, 0.3604, 0.3854



61.6426, 0.3308, 0.3878



61.6426, 0.2974, 0.3719

Triad

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



61.6426, 0.3308, 0.3878



61.6426, 0.2515, 0.2865



61.6426, 0.3572, 0.3142

Complementary

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



61.6426, 0.3308, 0.3878



42.0331, 0.2912, 0.2691

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.



61.6426, 0.3258, 0.2911



61.6426, 0.3308, 0.3878



61.6426, 0.2655, 0.2748

Square

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



61.6426, 0.3308, 0.3878



61.6426, 0.2528, 0.3108



61.6426, 0.2921, 0.2769



61.6426, 0.3766, 0.3417

Rectangle

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



61.6426, 0.3308, 0.3878



61.6426, 0.2775, 0.3532



61.6426, 0.2921, 0.2769



61.6426, 0.3476, 0.3058

Sweetspot

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



61.6453, 0.3308, 0.3878



97.5206, 0.3184, 0.3465



51.2308, 0.3536, 0.3523



20.8293, 0.3189, 0.3480



0.0000, 0.0000, 0.0000



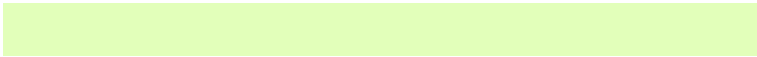
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6453, 0.3308, 0.3878



91.2937, 0.3345, 0.4012



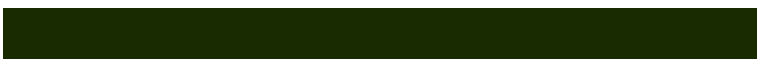
58.8307, 0.3133, 0.3911



14.2503, 0.3203, 0.3525



31.7617, 0.3490, 0.5611



1.9638, 0.3609, 0.5516

Inverse Universe

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



42.0331, 0.2912, 0.2691



56.8209, 0.2857, 0.2552



45.1584, 0.3111, 0.2726



12.2588, 0.3046, 0.3054



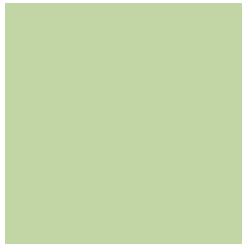
4.2796, 0.1877, 0.0808



0.3061, 0.2074, 0.0916

Previews

White Background



This preview shows how the Yxy color 61.6426, 0.3308, 0.3878 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 61.6426, 0.3308, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

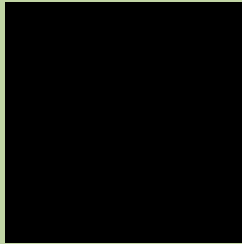
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

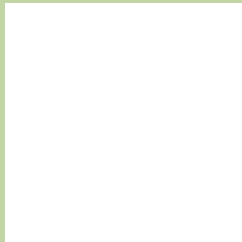
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6426, 0.3308, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 61.6426, 0.3308, 0.3878.



This preview shows how white text looks on a background with the Yxy color 61.6426, 0.3308, 0.3878.

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

61.6426, 0.3308, 0.3878

Protanopia

61.2959, 0.3564, 0.3800

Deuteranopia

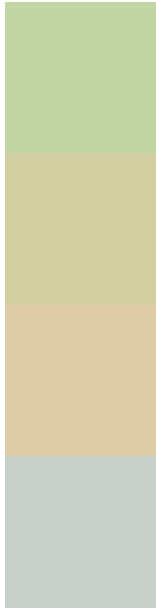
61.3925, 0.3688, 0.3622



Tritanopia

61.3541, 0.2981, 0.3094

Trichromacy



Original Color

61.6426, 0.3308, 0.3878

Protanomaly

61.4220, 0.3475, 0.3835

Deuteranomaly

61.0315, 0.3548, 0.3705

Tritanomaly

61.3346, 0.3101, 0.3373

Monochromacy



Original Color

61.6426, 0.3308, 0.3878

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9589, 0.3194, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6426, 0.3308, 0.3878 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(193, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 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(193, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 165) }
```

Border

The CSS property to change the border of an element to Yxy 61.6426, 0.3308, 0.3878 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(193, 213, 165) }
```

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

```
.border{ border-color:rgb(193, 213, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 213, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6426, 0.3308, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 165) }
```

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

```
.background{ background-color: rgb(193,  
213, 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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