

Converting Colors

Yxy(61.5888, 0.3303, 0.3629)

Have a look what the booklet for
Yxy(61.5888, 0.3303, 0.3629)
contains.

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Color

Yxy(61.3862, 0.3303, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	CDD0B4
RGB	205, 208, 180
RGB Percent	80%, 82%, 71%
CMY	0.1962, 0.1843, 0.2941
CMYK	0.01, 0.00, 0.13, 0.18
HSL	67°, 23%, 76%
HSV	67°, 13%, 82%
XYZ	55.9643, 61.3862, 52.0842
YIQ	203.9110, 7.2000, -9.3440

Conversions

Conversions Part 2

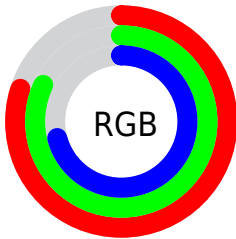
Format	Color
RYB	180, 208, 183
Decimal	13488308
CIELab	82.59, -5.86, 13.56
CIELCh	83, 14.773, 113.378
Yxy	61.3862, 0.3303, 0.3623
Android (android.graphics.Color)	4291678388 (0xFFCDD0B4)
YUV	203.9110, -11.7881, 0.9551
Hunter-Lab	78.3493, -9.6103, 15.4304

Details

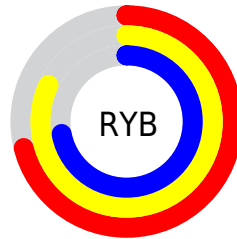
The Yxy color **61.3862, 0.3303, 0.3623** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.2767, 0.2938, 0.2939**, and the grayscale version is **60.3956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **31.2228, 0.3351, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **60.2838, 0.3435, 0.3880**, and if you desaturate by 10%, it is **62.6259, 0.3172, 0.3374**.

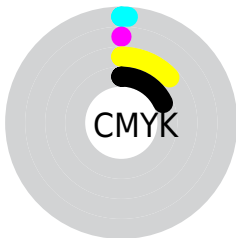
Distribution



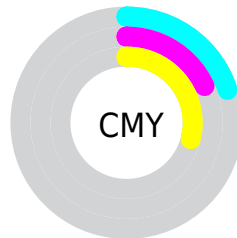
- Red (80%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)




- Cyan (20%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3862, 0.3303, 0.3623 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 61.3862, 0.3303, 0.3623 by changing the saturation by 10% instead.


 61.3862, 0.3303,
0.3623

 61.3862, 0.3303,
0.3623


429.6886, 0.3220,
0.3462

 44.5369, 0.3322,
0.3661


 106.8379, 0.3274,
0.3566

 31.0928, 0.3346,
0.3710


136.2092, 0.3263,
0.3544

 20.6695, 0.3377,
0.3773


170.5232, 0.3253,
0.3525

 12.8827, 0.3417,
0.3858

210.1643, 0.3245,
0.3509

 7.3478, 0.3472,
0.3978

255.5171, 0.3237,
0.3495

 3.6805, 0.3552,
0.4162

306.9658, 0.3231,

 1.4965, 0.3730,

0.3483

0.4543

364.8948, 0.3225,
0.3472

0.2863, 0.3106,
0.6894

0.0000, 0.0000,
0.0000

61.3862, 0.3303,
0.3623

61.3862, 0.3303,
0.3623

60.2838, 0.3435,
0.3880

62.6259, 0.3172,
0.3374

59.3049, 0.3565,
0.4136

64.0001, 0.3045,
0.3137

58.4462, 0.3687,
0.4385

65.5166, 0.2925,
0.2915

57.7010, 0.3794,
0.4614

66.6394, 0.2862,
0.2790

■ 57.0620, 0.3883,
0.4815

■ 66.9828, 0.2877,
0.2792

■ 56.5211, 0.3949,
0.4978

■ 67.3310, 0.2892,
0.2794

■ 56.0689, 0.3988,
0.5098

■ 67.6839, 0.2908,
0.2797

■ 55.6939, 0.4002,
0.5173

■ 68.0417, 0.2923,
0.2799

■ 55.4776, 0.4002,
0.5205

■ 68.4042, 0.2939,
0.2801

Harmonies

Analogous

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



61.3862, 0.3445, 0.3581



61.3862, 0.3303, 0.3623



61.3862, 0.3117, 0.3570

Triad

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



61.3862, 0.3303, 0.3623



61.3862, 0.2767, 0.3100



61.3862, 0.3315, 0.3150

Complementary

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



61.3862, 0.3303, 0.3623



47.2767, 0.2938, 0.2939

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.



61.3862, 0.3129, 0.3031



61.3862, 0.3303, 0.3623



61.3862, 0.2816, 0.2999

Square

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



61.3862, 0.3303, 0.3623



61.3862, 0.2811, 0.3260



61.3862, 0.2946, 0.2975



61.3862, 0.3453, 0.3306

Rectangle

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



61.3862, 0.3303, 0.3623



61.3862, 0.2994, 0.3486



61.3862, 0.2946, 0.2975



61.3862, 0.3256, 0.3105

Sweetspot

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



61.3889, 0.3303, 0.3623



99.1502, 0.3179, 0.3388



50.4971, 0.3368, 0.3325



21.1889, 0.3189, 0.3407



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.



61.3889, 0.3303, 0.3623



96.8121, 0.3339, 0.3693



59.5188, 0.3196, 0.3634



13.7295, 0.3249, 0.3521



34.5970, 0.4004, 0.5202



1.9536, 0.4041, 0.5173

Inverse Universe

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



47.2767, 0.2938, 0.2939



70.4194, 0.2895, 0.2861



49.0470, 0.3050, 0.2951



11.4784, 0.2998, 0.3051



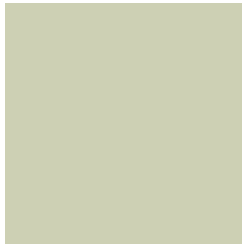
2.9702, 0.1541, 0.0623



0.1874, 0.1656, 0.0686

Previews

White Background



This preview shows how the Yxy color 61.3862, 0.3303, 0.3623 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 61.3862, 0.3303, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

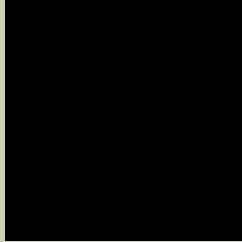
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

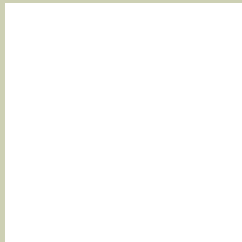
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3862, 0.3303, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 61.3862, 0.3303, 0.3623.



This preview shows how white text looks on a background with the Yxy color 61.3862, 0.3303, 0.3623.

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

61.3862, 0.3303, 0.3623

Protanopia

61.3241, 0.3403, 0.3605

Deuteranopia

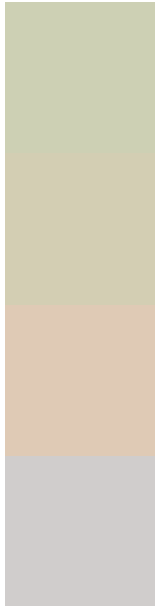
61.2580, 0.3543, 0.3469



Tritanopia

61.4755, 0.3075, 0.3120

Trichromacy



Original Color

61.3862, 0.3303, 0.3623

Protanomaly

61.2462, 0.3362, 0.3607

Deuteranomaly

61.2652, 0.3451, 0.3530

Tritanomaly

61.4322, 0.3157, 0.3302

Monochromacy



Original Color

61.3862, 0.3303, 0.3623

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4401, 0.3191, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3862, 0.3303, 0.3623 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(205, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 180)  
}
```

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(205, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 180) }
```

Border

The CSS property to change the border of an element to Yxy 61.3862, 0.3303, 0.3623 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(205, 208, 180) }
```

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

```
.border{ border-color:rgb(205, 208, 180) }
```

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

Here you see how a box with a 4 pixel rgb(205, 208, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3862, 0.3303, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 180) }
```

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

```
.background{ background-color: rgb(205,  
208, 180) }
```

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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