

Converting Colors

Yxy(61.4389, 0.3287, 0.3609)

Have a look what the booklet for
Yxy(61.4389, 0.3287, 0.3609)
contains.

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Color

Yxy(61.2853, 0.3288, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	CCD0B5
RGB	204, 208, 181
RGB Percent	80%, 82%, 71%
CMY	0.2002, 0.1842, 0.2902
CMYK	0.02, 0.00, 0.13, 0.18
HSL	69°, 22%, 76%
HSV	69°, 13%, 82%
XYZ	55.7879, 61.2853, 52.5981
YIQ	203.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

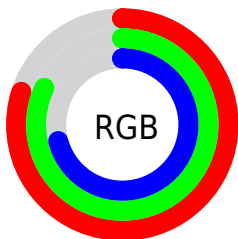
Format	Color
RYB	181, 208, 185
Decimal	13422773
CIELab	82.53, -6.07, 12.95
CIELCh	83, 14.306, 115.104
Yxy	61.2853, 0.3288, 0.3612
Android (android.graphics.Color)	4291612853 (0xFFCCD0B5)
YUV	203.7260, -11.2039, 0.2403
Hunter-Lab	78.2849, -9.7947, 14.9636

Details

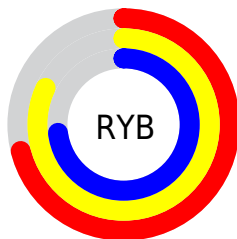
The Yxy color **61.2853, 0.3288, 0.3612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.9191, 0.2954, 0.2953**, and the grayscale version is **60.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **31.1537, 0.3331, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **60.0595, 0.3413, 0.3871**, and if you desaturate by 10%, it is **62.6529, 0.3164, 0.3362**.

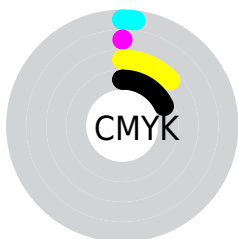
Distribution



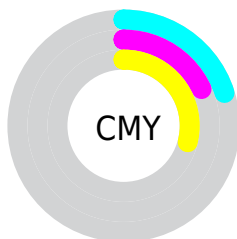
- Red (80%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2853, 0.3288, 0.3612 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 61.2853, 0.3288, 0.3612 by changing the saturation by 10% instead.

 61.2853, 0.3288,
0.3612

 61.2853, 0.3288,
0.3612


429.3193, 0.3212,
0.3457

 44.4555, 0.3306,
0.3649


 106.6919, 0.3261,
0.3557

 31.0287, 0.3327,
0.3696


136.0375, 0.3251,
0.3536

 20.6207, 0.3355,
0.3757


170.3237, 0.3242,
0.3518

 12.8470, 0.3392,
0.3839

209.9351, 0.3235,
0.3502

 7.3233, 0.3443,
0.3957

255.2559, 0.3228,
0.3488

 3.6651, 0.3515,
0.4136

306.6707, 0.3222,

 1.4880, 0.3673,

0.3477

0.4498

364.5636, 0.3217,
0.3466

■ 0.2803, 0.2967,
0.7033

■ 0.0000, 0.0000,
0.0000

■ 61.2853, 0.3288,
0.3612

■ 61.2853, 0.3288,
0.3612

■ 60.0595, 0.3413,
0.3871

■ 62.6529, 0.3164,
0.3362

■ 58.9617, 0.3536,
0.4131

■ 64.1594, 0.3043,
0.3126

■ 57.9885, 0.3650,
0.4386

■ 65.8127, 0.2929,
0.2906

■ 57.1332, 0.3751,
0.4623

■ 67.0110, 0.2878,
0.2792

■ 56.3886, 0.3833,
0.4834

■ 67.4932, 0.2899,
0.2795

■ 55.7466, 0.3893,
0.5008

■ 67.9846, 0.2921,
0.2799

■ 55.1977, 0.3926,
0.5138

■ 68.4851, 0.2942,
0.2802

■ 54.7307, 0.3934,
0.5223

■ 68.9949, 0.2964,
0.2805

■ 54.4385, 0.3928,
0.5263

■ 69.5139, 0.2986,
0.2808

Harmonies

Analogous

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



61.2853, 0.3429, 0.3577



61.2853, 0.3288, 0.3612



61.2853, 0.3107, 0.3555

Triad

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



61.2853, 0.3288, 0.3612



61.2853, 0.2778, 0.3099



61.2853, 0.3319, 0.3163

Complementary

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



61.2853, 0.3288, 0.3612



47.9191, 0.2954, 0.2953

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.



61.2853, 0.3140, 0.3044



61.2853, 0.3288, 0.3612



61.2853, 0.2831, 0.3004

Square

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



61.2853, 0.3288, 0.3612



61.2853, 0.2816, 0.3251



61.2853, 0.2961, 0.2986



61.2853, 0.3448, 0.3315

Rectangle

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



61.2853, 0.3288, 0.3612



61.2853, 0.2988, 0.3472



61.2853, 0.2961, 0.2986



61.2853, 0.3262, 0.3118

Sweetspot

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



61.2880, 0.3288, 0.3612



99.0707, 0.3177, 0.3388



51.4645, 0.3356, 0.3340



21.1687, 0.3186, 0.3407



0.0000, 0.0000, 0.0000



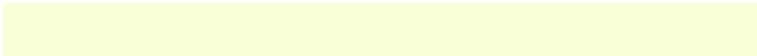
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2880, 0.3288, 0.3612



96.5004, 0.3328, 0.3694



59.4620, 0.3183, 0.3623



13.7039, 0.3243, 0.3521



33.9557, 0.3932, 0.5260



1.9236, 0.3983, 0.5219

Inverse Universe

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



47.9191, 0.2954, 0.2953



70.6822, 0.2906, 0.2863



49.6801, 0.3064, 0.2964



11.5018, 0.3005, 0.3051



3.0489, 0.1565, 0.0636



0.1983, 0.1713, 0.0717

Previews

White Background



This preview shows how the Yxy color 61.2853, 0.3288, 0.3612 looks on a white background.

Color Contrast Check

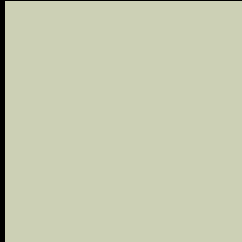
Large Text (above 18pt) WCAG AA × Fail

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 61.2853, 0.3288, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

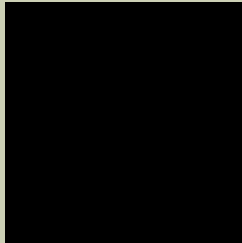
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

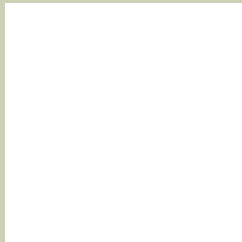
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2853, 0.3288, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 61.2853, 0.3288, 0.3612.



This preview shows how white text looks on a background with the Yxy color 61.2853, 0.3288, 0.3612.

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

61.2853, 0.3288, 0.3612

Protanopia

61.3644, 0.3395, 0.3593

Deuteranopia

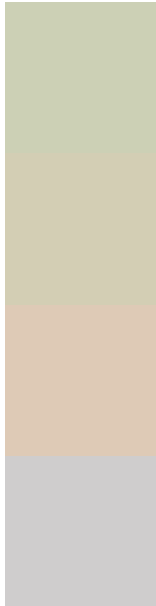
61.1307, 0.3527, 0.3458



Tritanopia

61.3817, 0.3060, 0.3108

Trichromacy



Original Color

61.2853, 0.3288, 0.3612

Protanomaly

61.2868, 0.3354, 0.3595

Deuteranomaly

61.1481, 0.3435, 0.3519

Tritanomaly

61.3358, 0.3142, 0.3290

Monochromacy



Original Color

61.2853, 0.3288, 0.3612

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4855, 0.3184, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2853, 0.3288, 0.3612 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(204, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 181)  
}
```

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(204, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 181) }
```

Border

The CSS property to change the border of an element to Yxy 61.2853, 0.3288, 0.3612 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(204, 208, 181) }
```

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

```
.border{ border-color:rgb(204, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2853, 0.3288, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 181) }
```

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

```
.background{ background-color: rgb(204,  
208, 181) }
```

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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