

Converting Colors

Yxy(60.9636, 0.3280, 0.3625)

Have a look what the booklet for
Yxy(60.9636, 0.3280, 0.3625)
contains.

Yxy(60.9636, 0.3280, 0.3625)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.9636, 0.3280, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	CAD0B4
RGB	202, 208, 180
RGB Percent	79%, 82%, 71%
CMY	0.2077, 0.1843, 0.2940
CMYK	0.03, 0.00, 0.13, 0.18
HSL	73°, 23%, 76%
HSV	73°, 13%, 82%
XYZ	55.1615, 60.9636, 52.0503
YIQ	203.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

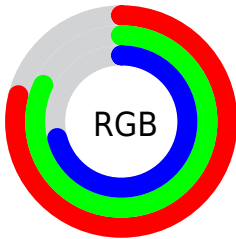
Format	Color
R _Y B	180, 208, 186
Decimal	13291700
CIE Lab	82.36, -6.90, 13.20
CIE LCh	82, 14.897, 117.584
Yxy	60.9636, 0.3280, 0.3625
Android (android.graphics.Color)	4291481780 (0xFFCAD0B4)
YUV	203.0140, -11.3459, -0.8893
Hunter-Lab	78.0792, -10.5315, 15.1307

Details

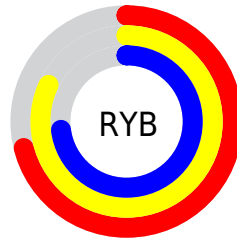
The Yxy color **60.9636, 0.3280, 0.3625** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6398, 0.2961, 0.2942**, and the grayscale version is **59.8063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **30.9394, 0.3320, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **59.5728, 0.3394, 0.3887**, and if you desaturate by 10%, it is **62.5046, 0.3166, 0.3373**.

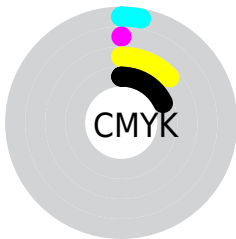
Distribution



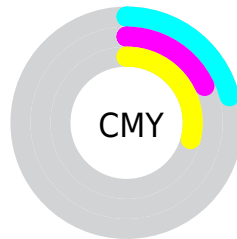
- Red (79%)
- Green (82%)
- Blue (71%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9636, 0.3280, 0.3625 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 60.9636, 0.3280, 0.3625 by changing the saturation by 10% instead.

 60.9636, 0.3280,
0.3625

 60.9636, 0.3280,
0.3625


428.1405, 0.3208,
0.3463

 44.1958, 0.3297,
0.3664


 106.2262, 0.3255,
0.3567

 30.8245, 0.3317,
0.3713


135.4898, 0.3245,
0.3545

 20.4652, 0.3344,
0.3777


169.6875, 0.3237,
0.3526

 12.7337, 0.3378,
0.3863

209.2036, 0.3230,
0.3510

 7.2454, 0.3425,
0.3987

254.4226, 0.3223,
0.3496

 3.6160, 0.3493,
0.4176

305.7288, 0.3218,

 1.4612, 0.3652,

0.3484

0.4574

363.5067, 0.3213,
0.3473

■ 0.2612, 0.2341,
0.7659

■ 0.0000, 0.0000,
0.0000

■ 60.9636, 0.3280,
0.3625

■ 60.9636, 0.3280,
0.3625

■ 59.5728, 0.3394,
0.3887

■ 62.5046, 0.3166,
0.3373

■ 58.3184, 0.3505,
0.4154


■ 64.1933, 0.3055,
0.3137


■ 57.1969, 0.3608,
0.4416

■ 66.0375, 0.2949,
0.2917


■ 56.2015, 0.3697,
0.4663


■ 67.5013, 0.2900,
0.2795

 55.3249, 0.3767,
0.4885


 68.1994, 0.2931,
0.2800

 54.5587, 0.3814,
0.5070

 68.9159, 0.2961,
0.2804


 53.8933, 0.3835,
0.5211

 69.6509, 0.2992,
0.2809

 53.3174, 0.3831,
0.5306

 70.4045, 0.3023,
0.2813

 52.9754, 0.3819,
0.5350

 71.1769, 0.3055,
0.2818

Harmonies

Analogous

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



60.9636, 0.3433, 0.3595



60.9636, 0.3280, 0.3625



60.9636, 0.3090, 0.3558

Triad

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



60.9636, 0.3280, 0.3625



60.9636, 0.2765, 0.3080



60.9636, 0.3341, 0.3169

Complementary

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



60.9636, 0.3280, 0.3625



47.6398, 0.2961, 0.2942

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.



60.9636, 0.3156, 0.3042



60.9636, 0.3280, 0.3625



60.9636, 0.2827, 0.2987

Square

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



60.9636, 0.3280, 0.3625



60.9636, 0.2796, 0.3235



60.9636, 0.2968, 0.2975



60.9636, 0.3470, 0.3330

Rectangle

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



60.9636, 0.3280, 0.3625



60.9636, 0.2968, 0.3467



60.9636, 0.2968, 0.2975



60.9636, 0.3283, 0.3122

Sweetspot

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



60.9663, 0.3280, 0.3625



98.9514, 0.3173, 0.3388



51.6606, 0.3363, 0.3358



21.1384, 0.3181, 0.3407



0.0000, 0.0000, 0.0000



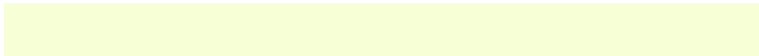
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9663, 0.3280, 0.3625



96.0370, 0.3311, 0.3696



59.1473, 0.3174, 0.3636



13.6655, 0.3234, 0.3522



33.0635, 0.3824, 0.5345



1.8812, 0.3896, 0.5289

Inverse Universe

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



47.6398, 0.2961, 0.2942



71.0825, 0.2923, 0.2865



49.4291, 0.3073, 0.2954



11.5371, 0.3014, 0.3052



3.2095, 0.1614, 0.0663



0.2147, 0.1796, 0.0763

Previews

White Background



This preview shows how the Yxy color 60.9636, 0.3280, 0.3625 looks on a white background.

Color Contrast Check

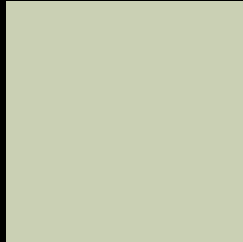
Large Text (above 18pt) WCAG AA × Fail

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 60.9636, 0.3280, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

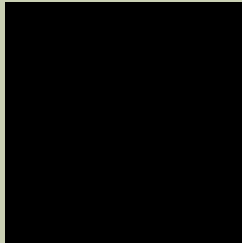
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

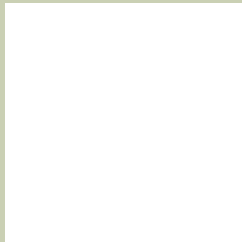
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9636, 0.3280, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 60.9636, 0.3280, 0.3625.



This preview shows how white text looks on a background with the Yxy color 60.9636, 0.3280, 0.3625.

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

60.9636, 0.3280, 0.3625

Protanopia

60.8472, 0.3405, 0.3593

Deuteranopia

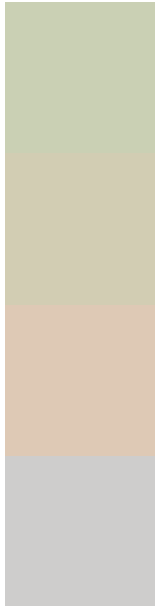
60.6335, 0.3537, 0.3458



Tritanopia

61.1837, 0.3060, 0.3119

Trichromacy



Original Color

60.9636, 0.3280, 0.3625

Protanomaly

60.6190, 0.3355, 0.3597

Deuteranomaly

60.6391, 0.3445, 0.3520

Tritanomaly

61.1441, 0.3142, 0.3302

Monochromacy



Original Color

60.9636, 0.3280, 0.3625

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2993, 0.3183, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9636, 0.3280, 0.3625 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(202, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 180) }
```

Border

The CSS property to change the border of an element to Yxy 60.9636, 0.3280, 0.3625 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(202, 208, 180) }
```

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

```
.border{ border-color:rgb(202, 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(202, 208, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9636, 0.3280, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 180) }
```

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

```
.background{ background-color: rgb(202,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor