

Converting Colors

$Yxy(60.7478, 0.3334, 0.3651)$

Have a look what the booklet for
Yxy(60.7478, 0.3334, 0.3651)
contains.

Yxy(60.7791, 0.3327, 0.3648)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7791, 0.3327, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	CDCFB1
RGB	205, 207, 177
RGB Percent	80%, 81%, 69%
CMY	0.1960, 0.1882, 0.3059
CMYK	0.01, 0.00, 0.14, 0.19
HSL	64°, 24%, 75%
HSV	64°, 14%, 81%
XYZ	55.4309, 60.7791, 50.3993
YIQ	202.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

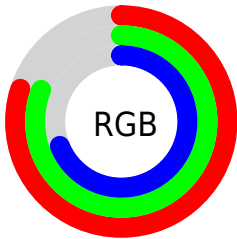
Format	Color
RYB	177, 207, 179
Decimal	13488049
CIELab	82.26, -5.79, 14.70
CIELCh	82, 15.803, 111.500
Yxy	60.7791, 0.3327, 0.3648
Android (android.graphics.Color)	4291678129 (0xFFCDCFB1)
YUV	202.9820, -12.8091, 1.7698
Hunter-Lab	77.9610, -9.5166, 16.2435

Details

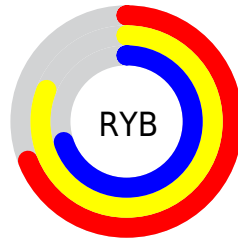
The Yxy color **60.7791, 0.3327, 0.3648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5240, 0.2911, 0.2909**, and the grayscale version is **59.7907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **30.8170, 0.3383, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **59.8260, 0.3467, 0.3902**, and if you desaturate by 10%, it is **61.8645, 0.3188, 0.3399**.

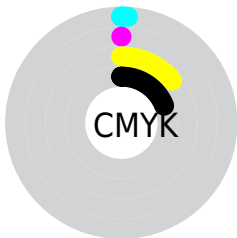
Distribution



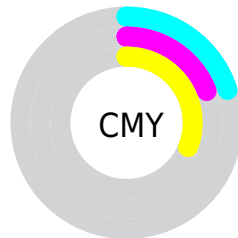
- Red (80%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)





- Cyan (20%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7791, 0.3327, 0.3648 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 60.7791, 0.3327, 0.3648 by changing the saturation by 10% instead.

 60.7791, 0.3327,
0.3648

 60.7791, 0.3327,
0.3648


427.4636, 0.3233,
0.3475

 44.0469, 0.3349,
0.3689


 105.9590, 0.3294,
0.3586

 30.7074, 0.3376,
0.3742


135.1756, 0.3281,
0.3563

 20.3761, 0.3411,
0.3809


169.3223, 0.3270,
0.3543

 12.6688, 0.3457,
0.3901

208.7837, 0.3261,
0.3526

 7.2009, 0.3520,
0.4031

253.9442, 0.3252,
0.3511

 3.5880, 0.3611,
0.4229

305.1880, 0.3245,

 1.4459, 0.3851,

0.3497

0.4690

362.8997, 0.3238,
0.3485

0.2502, 0.2781,
0.7219

0.0000, 0.0000,
0.0000

60.7791, 0.3327,
0.3648

60.7791, 0.3327,
0.3648

59.8260, 0.3467,
0.3902

61.8645, 0.3188,
0.3399

58.9914, 0.3604,
0.4155

63.0793, 0.3054,
0.3160

58.2721, 0.3732,
0.4395

64.4312, 0.2927,
0.2936

57.6613, 0.3846,
0.4615

65.6126, 0.2837,
0.2775

■ 57.1519, 0.3940,
0.4803

■ 65.8130, 0.2846,
0.2777

■ 56.7358, 0.4011,
0.4953

■ 66.0152, 0.2855,
0.2778

■ 56.4033, 0.4056,
0.5059

■ 66.2190, 0.2864,
0.2779

■ 56.1432, 0.4075,
0.5121

■ 66.4245, 0.2874,
0.2781

■ 56.0195, 0.4078,
0.5144

■ 66.6317, 0.2883,
0.2782

Harmonies

Analogous

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



60.7791, 0.3475, 0.3596



60.7791, 0.3327, 0.3648



60.7791, 0.3129, 0.3598

Triad

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



60.7791, 0.3327, 0.3648



60.7791, 0.2742, 0.3095



60.7791, 0.3317, 0.3131

Complementary

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



60.7791, 0.3327, 0.3648



45.5240, 0.2911, 0.2909

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.



60.7791, 0.3115, 0.3007



60.7791, 0.3327, 0.3648



60.7791, 0.2787, 0.2982

Square

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



60.7791, 0.3327, 0.3648



60.7791, 0.2794, 0.3269



60.7791, 0.2922, 0.2952



60.7791, 0.3471, 0.3296

Rectangle

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



60.7791, 0.3327, 0.3648



60.7791, 0.2995, 0.3511



60.7791, 0.2922, 0.2952



60.7791, 0.3253, 0.3083

Sweetspot

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



60.7818, 0.3327, 0.3648



99.2339, 0.3182, 0.3388



48.4755, 0.3392, 0.3309



21.2101, 0.3193, 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.



60.7818, 0.3327, 0.3648



96.9813, 0.3365, 0.3717



58.8089, 0.3213, 0.3661



13.7566, 0.3256, 0.3520



35.3122, 0.4080, 0.5142



1.9866, 0.4102, 0.5125

Inverse Universe

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



45.5240, 0.2911, 0.2909



68.5020, 0.2866, 0.2830



47.3480, 0.3030, 0.2922



11.4541, 0.2992, 0.3050



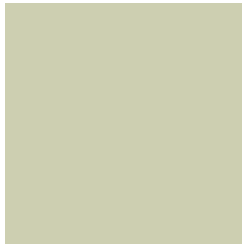
2.9097, 0.1522, 0.0612



0.1759, 0.1595, 0.0652

Previews

White Background



This preview shows how the Yxy color 60.7791, 0.3327, 0.3648 looks on a white background.

Color Contrast Check

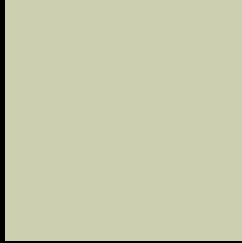
Large Text (above 18pt) WCAG AA × Fail

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 60.7791, 0.3327, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

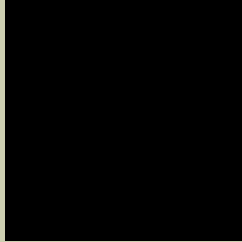
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

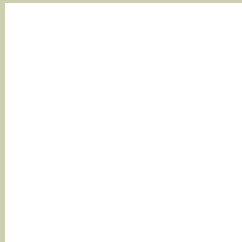
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7791, 0.3327, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 60.7791, 0.3327, 0.3648.



This preview shows how white text looks on a background with the Yxy color 60.7791, 0.3327, 0.3648.

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

60.7791, 0.3327, 0.3648

Protanopia

60.7279, 0.3427, 0.3629

Deuteranopia

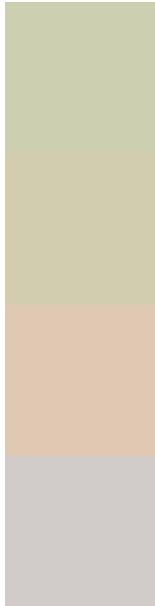
60.5108, 0.3561, 0.3492



Tritanopia

60.6319, 0.3090, 0.3108

Trichromacy



Original Color

60.7791, 0.3327, 0.3648

Protanomaly

60.6461, 0.3386, 0.3632

Deuteranomaly

60.6756, 0.3476, 0.3554

Tritanomaly

60.5314, 0.3181, 0.3302

Monochromacy



Original Color

60.7791, 0.3327, 0.3648

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9181, 0.3199, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7791, 0.3327, 0.3648 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, 207, 177)` looks like.

```
.text, #text, p{  
    color:rgb(205, 207, 177)  
}
```

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, 207, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 207, 177) }
```

Border

The CSS property to change the border of an element to Yxy 60.7791, 0.3327, 0.3648 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, 207, 177) }
```

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

```
.border{ border-color:rgb(205, 207, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 207, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 207, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 207, 177);  
box-shadow:4px 4px 4px 4px rgb(205, 207,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7791, 0.3327, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 207, 177) }
```

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

```
.background{ background-color: rgb(205,  
207, 177) }
```

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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