

Converting Colors

Yxy(60.2942, 0.3174, 0.3340)

Have a look what the booklet for
Yxy(60.2942, 0.3174, 0.3340)
contains.

Yxy(60.4311, 0.3178, 0.3349)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4311, 0.3178, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	CECCC7
RGB	206, 204, 199
RGB Percent	81%, 80%, 78%
CMY	0.1923, 0.1999, 0.2196
CMYK	0.00, 0.01, 0.03, 0.19
HSL	43°, 7%, 79%
HSV	43°, 3%, 81%
XYZ	57.3455, 60.4311, 62.6686
YIQ	204.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

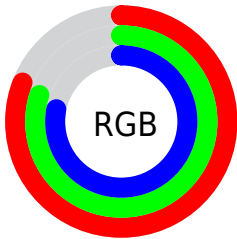
Format	Color
R _Y B	202, 206, 199
Decimal	13552839
CIE Lab	82.07, -0.23, 2.73
CIE LCh	82, 2.735, 94.760
Yxy	60.4311, 0.3178, 0.3349
Android (android.graphics.Color)	4291742919 (0xFFCECC7)
YUV	204.0280, -2.4788, 1.7294
Hunter-Lab	77.7374, -4.3643, 6.6191

Details

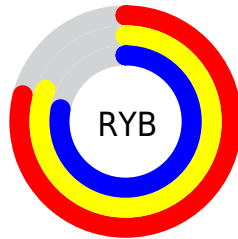
The Yxy color **60.4311, 0.3178, 0.3349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3361, 0.3076, 0.3230**, and the grayscale version is **60.4145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5324, 0.3195, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **56.8652, 0.3338, 0.3530**, and if you desaturate by 10%, it is **64.2320, 0.3032, 0.3178**.

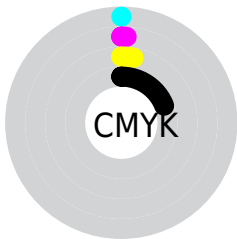
Distribution



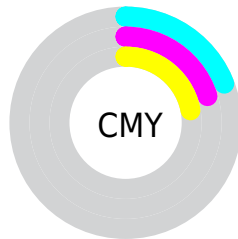
- Red (81%)
- Green (80%)
- Blue (78%)



- Red (79%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4311, 0.3178, 0.3349 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 60.4311, 0.3178, 0.3349 by changing the saturation by 10% instead.

■ 60.4311, 0.3178,
0.3349

■ 60.4311, 0.3178,
0.3349

426.1850, 0.3154,
0.3321

■ 43.7662, 0.3184,
0.3356

105.4548, 0.3169,
0.3339

■ 30.4868, 0.3191,
0.3364

134.5824, 0.3166,
0.3335

■ 20.2083, 0.3200,
0.3375

168.6329, 0.3163,
0.3332

■ 12.5466, 0.3213,
0.3390

207.9910, 0.3161,
0.3329

■ 7.1171, 0.3231,
0.3410

253.0408, 0.3159,
0.3327

■ 3.5354, 0.3258,
0.3442

304.1668, 0.3157,

■ 1.4172, 0.3304,

0.3324

0.3496

361.7534, 0.3155,
0.3323

0.2294, 0.4240,
0.4578

0.0000, 0.0000,
0.0000

60.4311, 0.3178,
0.3349

60.4311, 0.3178,
0.3349

56.8652, 0.3338,
0.3530

64.2320, 0.3032,
0.3178

53.5203, 0.3511,
0.3716

68.2661, 0.2901,
0.3018

50.3924, 0.3696,
0.3905

72.1636, 0.2816,
0.2928

47.4744, 0.3889,
0.4088

75.2468, 0.2820,
0.2991

■ 44.7589, 0.4085,
0.4256

■ 78.4344, 0.2824,
0.3053

■ 42.2375, 0.4274,
0.4400

■ 81.7274, 0.2827,
0.3115

■ 39.9013, 0.4450,
0.4509

■ 85.1267, 0.2831,
0.3176

■ 37.7398, 0.4602,
0.4572

■ 88.6334, 0.2835,
0.3236

■ 35.7408, 0.4725,
0.4587

■ 91.8558, 0.2838,
0.3289

Harmonies

Analogous

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



60.4311, 0.3194, 0.3333



60.4311, 0.3178, 0.3349



60.4311, 0.3148, 0.3349

Triad

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



60.4311, 0.3178, 0.3349



60.4311, 0.3062, 0.3274



60.4311, 0.3142, 0.3248

Complementary

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



60.4311, 0.3178, 0.3349



58.3361, 0.3076, 0.3230

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.



60.4311, 0.3106, 0.3232



60.4311, 0.3178, 0.3349



60.4311, 0.3061, 0.3247

Square

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



60.4311, 0.3178, 0.3349



60.4311, 0.3081, 0.3305



60.4311, 0.3077, 0.3232



60.4311, 0.3173, 0.3275

Rectangle

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



60.4311, 0.3178, 0.3349



60.4311, 0.3124, 0.3340



60.4311, 0.3077, 0.3232



60.4311, 0.3130, 0.3241

Sweetspot

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



60.4337, 0.3178, 0.3349



99.3848, 0.3142, 0.3308



58.1741, 0.3167, 0.3267



21.2789, 0.3141, 0.3307



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.



60.4337, 0.3178, 0.3349



97.5622, 0.3188, 0.3361



61.1465, 0.3165, 0.3372



12.9121, 0.3198, 0.3372



21.4202, 0.4782, 0.4585



1.2286, 0.4642, 0.4696

Inverse Universe

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



58.3361, 0.3076, 0.3230



93.5097, 0.3066, 0.3218



57.6455, 0.3089, 0.3207



12.2905, 0.3056, 0.3206



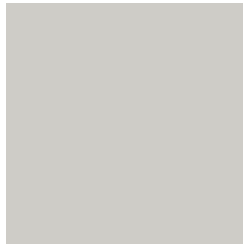
4.7087, 0.1600, 0.0961



0.3729, 0.1711, 0.1359

Previews

White Background



This preview shows how the Yxy color 60.4311, 0.3178, 0.3349 looks on a white background.

Color Contrast Check

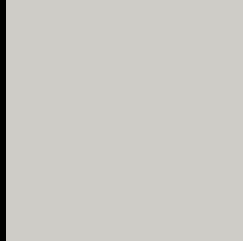
Large Text (above 18pt) WCAG AA × Fail

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 60.4311, 0.3178, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

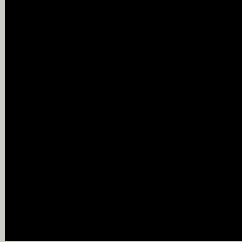
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

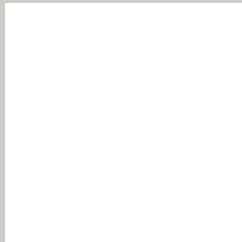
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4311, 0.3178, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 60.4311, 0.3178, 0.3349.

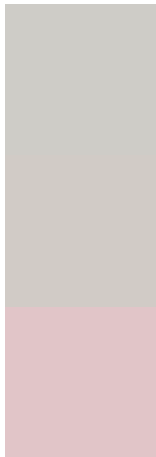


This preview shows how white text looks on a background with the Yxy color 60.4311, 0.3178, 0.3349.

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

60.4311, 0.3178, 0.3349

Protanopia

60.3444, 0.3210, 0.3349

Deuteranopia

60.1102, 0.3329, 0.3257



Tritanopia

60.3384, 0.3075, 0.3107

Trichromacy



Original Color

60.4311, 0.3178, 0.3349

Protanomaly

60.1990, 0.3202, 0.3349

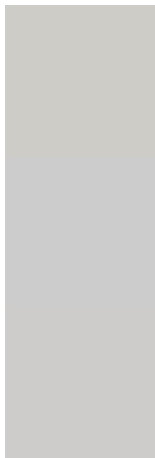
Deuteranomaly

60.3841, 0.3269, 0.3290

Tritanomaly

60.3041, 0.3116, 0.3198

Monochromacy



Original Color

60.4311, 0.3178, 0.3349

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4291, 0.3149, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4311, 0.3178, 0.3349 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(206, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 199)  
}
```

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(206, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 199) }
```

Border

The CSS property to change the border of an element to Yxy 60.4311, 0.3178, 0.3349 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(206, 204, 199) }
```

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

```
.border{ border-color:rgb(206, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4311, 0.3178, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 199) }
```

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

```
.background{ background-color: rgb(206,  
204, 199) }
```

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