

Converting Colors

$Yxy(60.2225, 0.3305, 0.3383)$

Have a look what the booklet for
Yxy(60.2225, 0.3305, 0.3383)
contains.

Yxy(60.2225, 0.3305, 0.3383)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.2225, 0.3305, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	D8C9C1
RGB	216, 201, 193
RGB Percent	85%, 79%, 76%
CMY	0.1528, 0.2118, 0.2432
CMYK	0.00, 0.07, 0.11, 0.15
HSL	21°, 23%, 80%
HSV	21°, 11%, 85%
XYZ	58.8340, 60.2225, 58.9586
YIQ	204.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

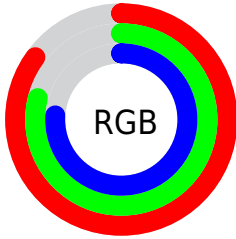
Format	Color
R _Y B	216, 205, 193
Decimal	14207425
CIE Lab	81.96, 3.88, 5.88
CIE LCh	82, 7.048, 56.553
Yxy	60.2225, 0.3305, 0.3383
Android (android.graphics.Color)	4292397505 (0xFFD8C9C1)
YUV	204.5730, -5.7055, 10.0215
Hunter-Lab	77.6032, -0.4777, 9.2769

Details

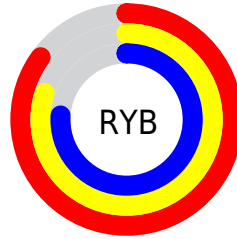
The Yxy color **60.2225, 0.3305, 0.3383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4039, 0.2963, 0.3195**, and the grayscale version is **60.7988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **30.3380, 0.3345, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **53.0639, 0.3502, 0.3476**, and if you desaturate by 10%, it is **68.1290, 0.3137, 0.3296**.

Distribution



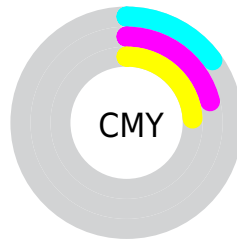
- Red (85%)
- Green (79%)
- Blue (76%)



- Red (85%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (15%)





- Cyan (15%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2225, 0.3305, 0.3383 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 60.2225, 0.3305, 0.3383 by changing the saturation by 10% instead.

 60.2225, 0.3305,
0.3383

 60.2225, 0.3305,
0.3383


425.4174, 0.3220,
0.3339

 43.5980, 0.3325,
0.3393


 105.1524, 0.3275,
0.3368

 30.3546, 0.3351,
0.3406


134.2265, 0.3263,
0.3362

 20.1079, 0.3384,
0.3423


168.2193, 0.3253,
0.3357

 12.4735, 0.3429,
0.3444

207.5152, 0.3245,
0.3352

 7.0670, 0.3493,
0.3475

252.4986, 0.3237,
0.3348

 3.5040, 0.3590,
0.3520

303.5538, 0.3231,

 1.4002, 0.3757,

0.3345

0.3594

361.0653, 0.3225,
0.3342

0.2169, 0.5812,
0.4188

0.0000, 0.0000,
0.0000

60.2225, 0.3305,
0.3383

60.2225, 0.3305,
0.3383

53.0639, 0.3502,
0.3476

68.1290, 0.3137,
0.3296

46.6230, 0.3733,
0.3572

76.7967, 0.2995,
0.3215

40.8793, 0.4000,
0.3667

86.0681, 0.2890,
0.3168

35.8081, 0.4302,
0.3754

93.3428, 0.2894,
0.3289

■ 31.3831, 0.4635,
0.3825

■ 27.5764, 0.4983,
0.3867

■ 24.3574, 0.5323,
0.3867

■ 21.6923, 0.5625,
0.3817

■ 19.6653, 0.5856,
0.3732

Harmonies

Analogous

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



60.2225, 0.3287, 0.3308



60.2225, 0.3305, 0.3383



60.2225, 0.3274, 0.3434

Triad

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



60.2225, 0.3305, 0.3383



60.2225, 0.3028, 0.3351



60.2225, 0.3049, 0.3137

Complementary

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



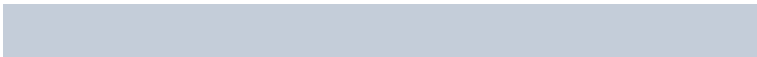
60.2225, 0.3305, 0.3383



61.4039, 0.2963, 0.3195

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.



60.2225, 0.2982, 0.3146



60.2225, 0.3305, 0.3383



60.2225, 0.2970, 0.3269

Square

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



60.2225, 0.3305, 0.3383



60.2225, 0.3114, 0.3417



60.2225, 0.2953, 0.3194



60.2225, 0.3139, 0.3168

Rectangle

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



60.2225, 0.3305, 0.3383



60.2225, 0.3231, 0.3448



60.2225, 0.2953, 0.3194



60.2225, 0.3023, 0.3136

Sweetspot

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



60.2252, 0.3305, 0.3383



96.3769, 0.3175, 0.3316



57.3016, 0.3197, 0.3115



20.4250, 0.3188, 0.3323



0.0000, 0.0000, 0.0000



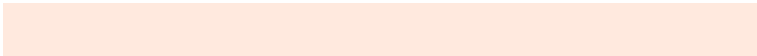
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2252, 0.3305, 0.3383



85.0267, 0.3350, 0.3405



65.6304, 0.3290, 0.3509



13.1210, 0.3282, 0.3372



11.8199, 0.5829, 0.3754



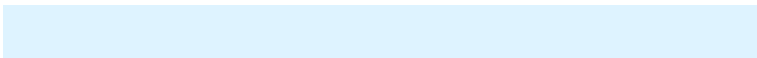
0.8655, 0.5494, 0.4019

Inverse Universe

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



61.4039, 0.2963, 0.3195



87.1008, 0.2925, 0.3172



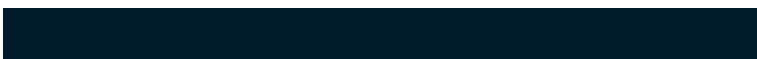
56.1416, 0.2961, 0.3061



13.3460, 0.2982, 0.3207



14.3816, 0.1921, 0.2115



1.0196, 0.1984, 0.2342

Previews

White Background



This preview shows how the Yxy color 60.2225, 0.3305, 0.3383 looks on a white background.

Color Contrast Check

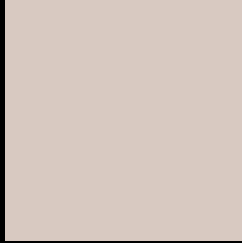
Large Text (above 18pt) WCAG AA × Fail

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 60.2225, 0.3305, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

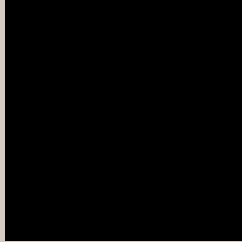
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2225, 0.3305, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 60.2225, 0.3305, 0.3383.

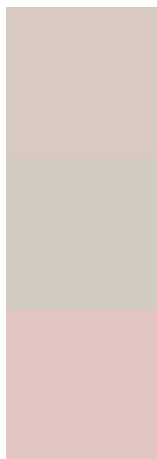


This preview shows how white text looks on a background with the Yxy color 60.2225, 0.3305, 0.3383.

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

60.2225, 0.3305, 0.3383

Protanopia

60.3086, 0.3247, 0.3395

Deuteranopia

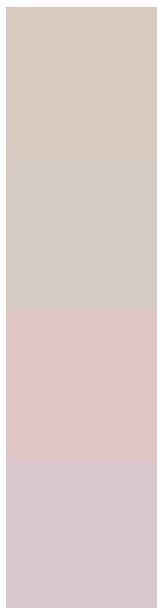
60.1584, 0.3392, 0.3324



Tritanopia

60.2523, 0.3182, 0.3122

Trichromacy



Original Color

60.2225, 0.3305, 0.3383

Protanomaly

60.1332, 0.3264, 0.3383

Deuteranomaly

59.9712, 0.3358, 0.3336

Tritanomaly

60.2085, 0.3225, 0.3211

Monochromacy



Original Color

60.2225, 0.3305, 0.3383

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9581, 0.3187, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2225, 0.3305, 0.3383 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(216, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 193)  
}
```

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(216, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 193) }
```

Border

The CSS property to change the border of an element to Yxy 60.2225, 0.3305, 0.3383 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(216, 201, 193) }
```

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

```
.border{ border-color:rgb(216, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2225, 0.3305, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 193) }
```

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

```
.background{ background-color: rgb(216,  
201, 193) }
```

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