

Converting Colors

Yxy(61.4049, 0.3346, 0.3444)

Have a look what the booklet for
Yxy(61.4049, 0.3346, 0.3444)
contains.

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Color

Yxy(61.3350, 0.3340, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	DACBBE
RGB	218, 203, 190
RGB Percent	85%, 80%, 75%
CMY	0.1453, 0.2038, 0.2549
CMYK	0.00, 0.07, 0.13, 0.15
HSL	28°, 27%, 80%
HSV	28°, 13%, 85%
XYZ	59.5520, 61.3350, 57.4124
YIQ	206.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

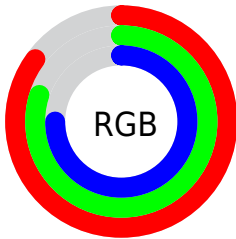
Format	Color
R _Y B	218, 214, 190
Decimal	14339006
CIE Lab	82.56, 3.03, 8.35
CIE LCh	83, 8.883, 70.080
Yxy	61.3350, 0.3340, 0.3440
Android (android.graphics.Color)	4292529086 (0xFFDACBBE)
YUV	206.0030, -7.8895, 10.5214
Hunter-Lab	78.3167, -1.3227, 11.3573

Details

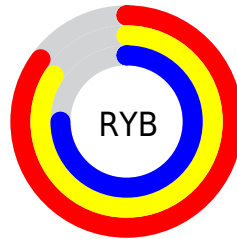
The Yxy color **61.3350, 0.3340, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6327, 0.2928, 0.3135**, and the grayscale version is **61.7664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **31.0876, 0.3392, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **55.1614, 0.3534, 0.3564**, and if you desaturate by 10%, it is **68.0693, 0.3171, 0.3322**.

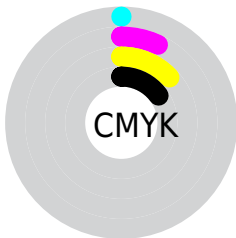
Distribution



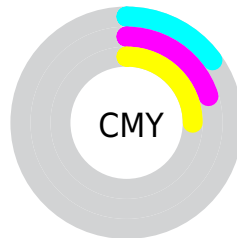
- Red (85%)
- Green (80%)
- Blue (75%)



- Red (85%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3350, 0.3340, 0.3440 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 61.3350, 0.3340, 0.3440 by changing the saturation by 10% instead.


 61.3350, 0.3340,
0.3440

 61.3350, 0.3340,
0.3440


429.5012, 0.3238,
0.3369

 44.4956, 0.3364,
0.3457

 106.7638, 0.3304,
0.3415

 31.0603, 0.3395,
0.3477


136.1221, 0.3290,
0.3405

 20.6448, 0.3434,
0.3504


170.4220, 0.3278,
0.3397

 12.8646, 0.3486,
0.3539

210.0480, 0.3268,
0.3390

 7.3354, 0.3561,
0.3588

255.3846, 0.3259,
0.3384

 3.6727, 0.3674,
0.3661

306.8160, 0.3251,

 1.4922, 0.3864,

0.3378

0.3780

364.7268, 0.3244,
0.3373

■ 0.2832, 0.5478,
0.4522

■ 0.0000, 0.0000,
0.0000

■ 61.3350, 0.3340,
0.3440

■ 61.3350, 0.3340,
0.3440

■ 55.1614, 0.3534,
0.3564

■ 68.0693, 0.3171,
0.3322

■ 49.5250, 0.3755,
0.3691

■ 75.3709, 0.3024,
0.3212

■ 44.4125, 0.4003,
0.3816

■ 83.2317, 0.2899,
0.3113

■ 39.8069, 0.4275,
0.3930

■ 90.2275, 0.2904,
0.3234

■ 35.6900, 0.4563,
0.4023

■ 93.6378, 0.2905,
0.3289

■ 32.0423, 0.4855,
0.4082

■ 28.8424, 0.5132,
0.4095

■ 26.0664, 0.5373,
0.4053

■ 24.3141, 0.5524,
0.3996

Harmonies

Analogous

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



61.3350, 0.3346, 0.3356



61.3350, 0.3340, 0.3440



61.3350, 0.3276, 0.3485

Triad

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



61.3350, 0.3340, 0.3440



61.3350, 0.2965, 0.3320



61.3350, 0.3078, 0.3111

Complementary

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



61.3350, 0.3340, 0.3440



59.6327, 0.2928, 0.3135

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.



61.3350, 0.2978, 0.3099



61.3350, 0.3340, 0.3440



61.3350, 0.2914, 0.3217

Square

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



61.3350, 0.3340, 0.3440



61.3350, 0.3059, 0.3416



61.3350, 0.2918, 0.3137



61.3350, 0.3193, 0.3169

Rectangle

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



61.3350, 0.3340, 0.3440



61.3350, 0.3210, 0.3486



61.3350, 0.2918, 0.3137



61.3350, 0.3042, 0.3102

Sweetspot

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



61.3377, 0.3340, 0.3440



95.9340, 0.3190, 0.3336



56.1489, 0.3238, 0.3115



20.3733, 0.3202, 0.3345



0.0000, 0.0000, 0.0000



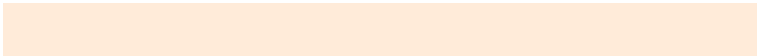
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3377, 0.3340, 0.3440



85.4295, 0.3383, 0.3468



68.0108, 0.3320, 0.3590



14.0467, 0.3280, 0.3399



14.7850, 0.5499, 0.4015



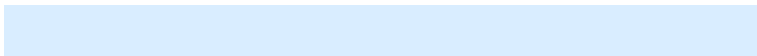
1.1292, 0.5232, 0.4228

Inverse Universe

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



59.6327, 0.2928, 0.3135



82.6041, 0.2892, 0.3105



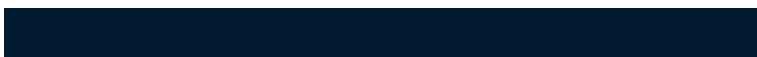
53.4398, 0.2924, 0.2971



13.7629, 0.2982, 0.3178



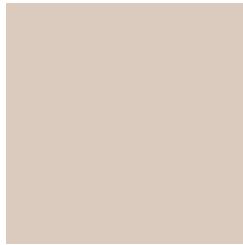
10.7914, 0.1806, 0.1700



0.8710, 0.1884, 0.1980

Previews

White Background



This preview shows how the Yxy color 61.3350, 0.3340, 0.3440 looks on a white background.

Color Contrast Check

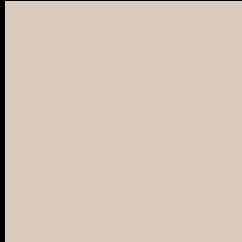
Large Text (above 18pt) WCAG AA × Fail

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 61.3350, 0.3340, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

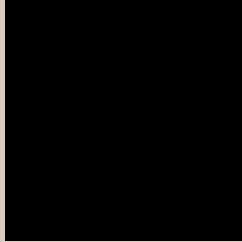
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3350, 0.3340, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 61.3350, 0.3340, 0.3440.



This preview shows how white text looks on a background with the Yxy color 61.3350, 0.3340, 0.3440.

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

61.3350, 0.3340, 0.3440

Protanopia

61.5704, 0.3290, 0.3453

Deuteranopia

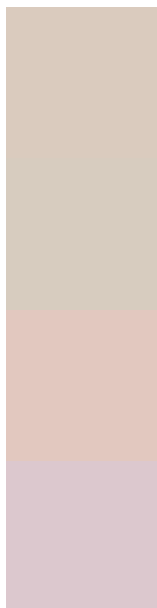
61.1387, 0.3447, 0.3369



Tritanopia

61.1253, 0.3182, 0.3112

Trichromacy



Original Color

61.3350, 0.3340, 0.3440

Protanomaly

61.3944, 0.3308, 0.3441

Deuteranomaly

61.2389, 0.3402, 0.3392

Tritanomaly

60.9804, 0.3240, 0.3223

Monochromacy



Original Color

61.3350, 0.3340, 0.3440

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5344, 0.3201, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3350, 0.3340, 0.3440 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(218, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 203, 190)  
}
```

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(218, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 203, 190) }
```

Border

The CSS property to change the border of an element to Yxy 61.3350, 0.3340, 0.3440 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(218, 203, 190) }
```

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

```
.border{ border-color:rgb(218, 203, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 203,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3350, 0.3340, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 203, 190) }
```

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

```
.background{ background-color: rgb(218,  
203, 190) }
```

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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