

Converting Colors

Yxy(61.2395, 0.3350, 0.3417)

Have a look what the booklet for
Yxy(61.2395, 0.3350, 0.3417)
contains.

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Color

Yxy(61.2183, 0.3350, 0.3416)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DCCABF |
| RGB | 220, 202, 191 |
| RGB Percent | 86%, 79%, 75% |
| CMY | 0.1374, 0.2078, 0.2509 |
| CMYK | 0.00, 0.08, 0.13, 0.14 |
| HSL | 23°, 29%, 81% |
| HSV | 23°, 13%, 86% |
| XYZ | 60.0355, 61.2183, 57.9567 |
| YIQ | 206.1280, 14.2590, 0.3950 |

Conversions

Conversions Part 2

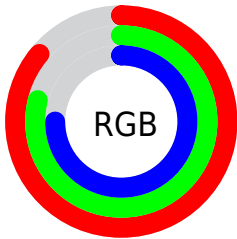
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 209, 191 |
| Decimal | 14469823 |
| CIE Lab | 82.50, 4.45, 7.74 |
| CIE LCh | 82, 8.924, 60.082 |
| Yxy | 61.2183, 0.3350, 0.3416 |
| Android (android.graphics.Color) | 4292659903 (0xFFDCCABF) |
| YUV | 206.1280, -7.4581, 12.1657 |
| Hunter-Lab | 78.2421, 0.0401, 10.8513 |

Details

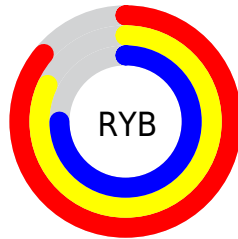
The Yxy color **61.2183, 0.3350, 0.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8398, 0.2924, 0.3161**, and the grayscale version is **61.8500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **31.0141, 0.3406, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **54.1992, 0.3553, 0.3518**, and if you desaturate by 10%, it is **68.9548, 0.3176, 0.3319**.

Distribution



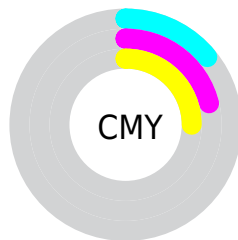
- Red (86%)
- Green (79%)
- Blue (75%)



- Red (86%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (14%)





- Cyan (14%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2183, 0.3350, 0.3416 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 61.2183, 0.3350, 0.3416 by changing the saturation by 10% instead.

 61.2183, 0.3350,
0.3416

 61.2183, 0.3350,
0.3416


429.0740, 0.3243,
0.3357

 44.4014, 0.3375,
0.3430


 106.5950, 0.3312,
0.3395

 30.9862, 0.3407,
0.3447


135.9235, 0.3298,
0.3387

 20.5883, 0.3449,
0.3469


170.1913, 0.3285,
0.3380

 12.8234, 0.3504,
0.3498

209.7828, 0.3275,
0.3374

 7.3071, 0.3582,
0.3538

255.0825, 0.3265,
0.3369

 3.6549, 0.3702,
0.3597

306.4746, 0.3257,

 1.4824, 0.3904,

0.3365

364.3436, 0.3250,
0.3360

0.3692

0.2763, 0.5733,
0.4267

0.0000, 0.0000,
0.0000

61.2183, 0.3350,
0.3416

61.2183, 0.3350,
0.3416

54.1992, 0.3553,
0.3518

68.9548, 0.3176,
0.3319

47.8683, 0.3788,
0.3623

77.4207, 0.3028,
0.3229

42.2061, 0.4057,
0.3725

86.5073, 0.2913,
0.3166

37.1893, 0.4358,
0.3817

93.9513, 0.2917,
0.3289

■ 32.7928, 0.4683,
0.3889

■ 28.9898, 0.5017,
0.3928

■ 25.7511, 0.5336,
0.3921

■ 23.0440, 0.5613,
0.3862

■ 21.4728, 0.5773,
0.3798

Harmonies

Analogous

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



61.2183, 0.3335, 0.3324



61.2183, 0.3350, 0.3416



61.2183, 0.3304, 0.3477

Triad

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



61.2183, 0.3350, 0.3416



61.2183, 0.2992, 0.3355



61.2183, 0.3041, 0.3101

Complementary

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



61.2183, 0.3350, 0.3416



61.8398, 0.2924, 0.3161

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.



61.2183, 0.2952, 0.3105



61.2183, 0.3350, 0.3416



61.2183, 0.2924, 0.3250

Square

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



61.2183, 0.3350, 0.3416



61.2183, 0.3096, 0.3442



61.2183, 0.2909, 0.3159



61.2183, 0.3155, 0.3145

Rectangle

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



61.2183, 0.3350, 0.3416



61.2183, 0.3246, 0.3490



61.2183, 0.2909, 0.3159



61.2183, 0.3007, 0.3097

Sweetspot

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



61.2210, 0.3350, 0.3416



95.3887, 0.3191, 0.3327



57.1057, 0.3223, 0.3083



20.2355, 0.3203, 0.3335



0.0000, 0.0000, 0.0000



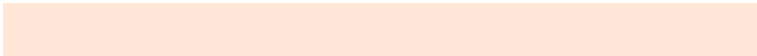
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2210, 0.3350, 0.3416



82.5438, 0.3407, 0.3446



68.1437, 0.3329, 0.3572



13.8574, 0.3282, 0.3379



12.8044, 0.5746, 0.3820



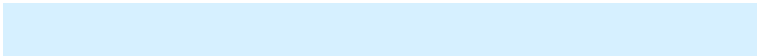
0.9926, 0.5440, 0.4062

Inverse Universe

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



61.8398, 0.2924, 0.3161



83.5812, 0.2877, 0.3129



55.2247, 0.2919, 0.2991



13.9560, 0.2982, 0.3199



13.6711, 0.1890, 0.2003



1.0499, 0.1954, 0.2235

Previews

White Background



This preview shows how the Yxy color 61.2183, 0.3350, 0.3416 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 61.2183, 0.3350, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

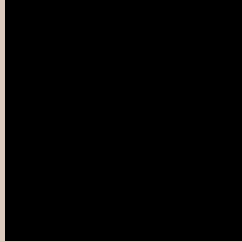
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2183, 0.3350, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 61.2183, 0.3350, 0.3416.



This preview shows how white text looks on a background with the Yxy color 61.2183, 0.3350, 0.3416.

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

61.2183, 0.3350, 0.3416

Protanopia

61.4655, 0.3275, 0.3441

Deuteranopia

61.0169, 0.3431, 0.3358



Tritanopia

61.3899, 0.3205, 0.3124

Trichromacy



Original Color

61.2183, 0.3350, 0.3416

Protanomaly

61.4386, 0.3300, 0.3429

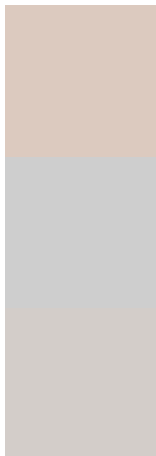
Deuteranomaly

60.8214, 0.3396, 0.3370

Tritanomaly

61.2944, 0.3256, 0.3223

Monochromacy



Original Color

61.2183, 0.3350, 0.3416

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7286, 0.3202, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2183, 0.3350, 0.3416 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(220, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 202, 191)  
}
```

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(220, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 191) }
```

Border

The CSS property to change the border of an element to Yxy 61.2183, 0.3350, 0.3416 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(220, 202, 191) }
```

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

```
.border{ border-color:rgb(220, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2183, 0.3350, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 202, 191) }
```

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

```
.background{ background-color: rgb(220,  
202, 191) }
```

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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