

Converting Colors

Yxy(61.0390, 0.3373, 0.3449)

Have a look what the booklet for
Yxy(61.0390, 0.3373, 0.3449)
contains.

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Color

Yxy(61.0875, 0.3373, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	DCCABC
RGB	220, 202, 188
RGB Percent	86%, 79%, 74%
CMY	0.1374, 0.2078, 0.2627
CMYK	0.00, 0.08, 0.15, 0.14
HSL	26°, 31%, 80%
HSV	26°, 15%, 86%
XYZ	59.7068, 61.0875, 56.2196
YIQ	205.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

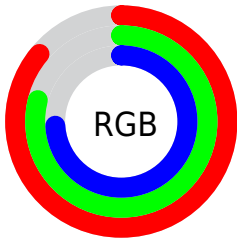
Format	Color
R _Y B	220, 213, 188
Decimal	14469820
CIE Lab	82.43, 3.97, 9.25
CIE LCh	82, 10.065, 66.775
Yxy	61.0875, 0.3373, 0.3451
Android (android.graphics.Color)	4292659900 (0xFFDCCABC)
YUV	205.7860, -8.7685, 12.4657
Hunter-Lab	78.1585, -0.4177, 12.0635

Details

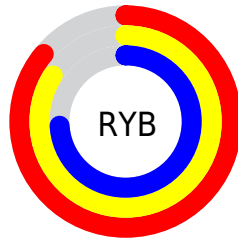
The Yxy color **61.0875, 0.3373, 0.3451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9804, 0.2901, 0.3124**, and the grayscale version is **61.6269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **30.9284, 0.3437, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **54.6440, 0.3574, 0.3569**, and if you desaturate by 10%, it is **68.1454, 0.3198, 0.3339**.

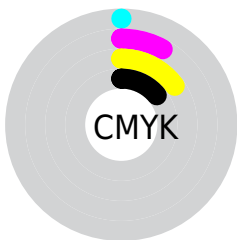
Distribution



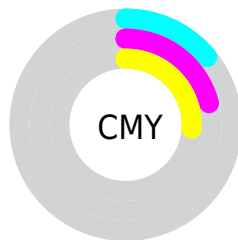
- Red (86%)
- Green (79%)
- Blue (74%)



- Red (86%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (14%)




- Cyan (14%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0875, 0.3373, 0.3451 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 61.0875, 0.3373, 0.3451 by changing the saturation by 10% instead.


 61.0875, 0.3373,
0.3451

 61.0875, 0.3373,
0.3451


428.5948, 0.3255,
0.3375

 44.2958, 0.3401,
0.3469

 106.4056, 0.3331,
0.3424

 30.9031, 0.3436,
0.3491

135.7008, 0.3315,
0.3414

 20.5251, 0.3482,
0.3519


169.9326, 0.3302,
0.3405

 12.7773, 0.3543,
0.3557


209.4855, 0.3290,
0.3398

 7.2754, 0.3629,
0.3608

254.7437, 0.3279,
0.3391

 3.6349, 0.3760,
0.3685

306.0917, 0.3270,

 1.4715, 0.3985,

0.3385

0.3811

363.9139, 0.3262,
0.3380

0.2685, 0.5673,
0.4327

0.0000, 0.0000,
0.0000

61.0875, 0.3373,
0.3451

61.0875, 0.3373,
0.3451

54.6440, 0.3574,
0.3569

68.1454, 0.3198,
0.3339

48.7893, 0.3805,
0.3689

75.8260, 0.3048,
0.3234

43.5079, 0.4064,
0.3805

84.1479, 0.2918,
0.3136

38.7806, 0.4349,
0.3910

91.7000, 0.2916,
0.3253

■ 34.5867, 0.4651,
0.3992

■ 93.9517, 0.2917,
0.3289

■ 30.9041, 0.4955,
0.4038

■ 27.7083, 0.5241,
0.4035

■ 24.9720, 0.5487,
0.3979

■ 23.6536, 0.5606,
0.3931

Harmonies

Analogous

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



61.0875, 0.3372, 0.3353



61.0875, 0.3373, 0.3451



61.0875, 0.3307, 0.3509

Triad

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



61.0875, 0.3373, 0.3451



61.0875, 0.2953, 0.3337



61.0875, 0.3057, 0.3084

Complementary

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



61.0875, 0.3373, 0.3451



59.9804, 0.2901, 0.3124

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.



61.0875, 0.2948, 0.3076



61.0875, 0.3373, 0.3451



61.0875, 0.2889, 0.3219

Square

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



61.0875, 0.3373, 0.3451



61.0875, 0.3064, 0.3444



61.0875, 0.2887, 0.3124



61.0875, 0.3188, 0.3144

Rectangle

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



61.0875, 0.3373, 0.3451



61.0875, 0.3235, 0.3515



61.0875, 0.2887, 0.3124



61.0875, 0.3017, 0.3075

Sweetspot

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



61.0902, 0.3373, 0.3451



95.7592, 0.3190, 0.3333



55.6397, 0.3251, 0.3084



20.3291, 0.3202, 0.3341



0.0000, 0.0000, 0.0000



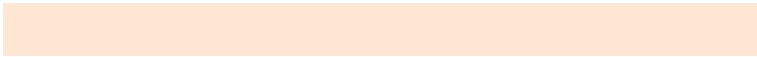
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0902, 0.3373, 0.3451



82.9522, 0.3423, 0.3481



68.9041, 0.3347, 0.3626



13.9859, 0.3281, 0.3393



14.0990, 0.5580, 0.3952



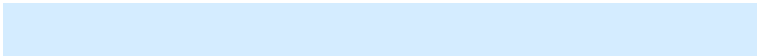
1.0830, 0.5298, 0.4175

Inverse Universe

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



59.9804, 0.2901, 0.3124



81.1557, 0.2860, 0.3091



52.7407, 0.2895, 0.2931



13.8245, 0.2982, 0.3185



11.6558, 0.1832, 0.1796



0.9256, 0.1906, 0.2062

Previews

White Background



This preview shows how the Yxy color 61.0875, 0.3373, 0.3451 looks on a white background.

Color Contrast Check

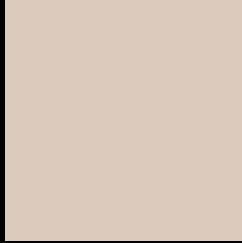
Large Text (above 18pt) WCAG AA × Fail

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 61.0875, 0.3373, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

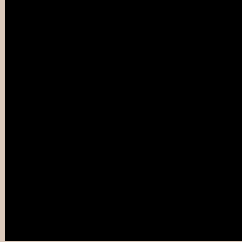
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0875, 0.3373, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 61.0875, 0.3373, 0.3451.



This preview shows how white text looks on a background with the Yxy color 61.0875, 0.3373, 0.3451.

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

61.0875, 0.3373, 0.3451

Protanopia

61.0060, 0.3306, 0.3465

Deuteranopia

61.0512, 0.3462, 0.3391



Tritanopia

60.9312, 0.3206, 0.3112

Trichromacy



Original Color

61.0875, 0.3373, 0.3451

Protanomaly

60.9849, 0.3332, 0.3452

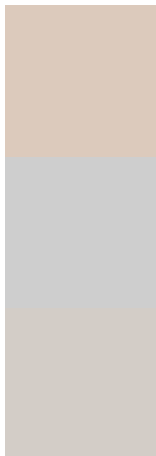
Deuteranomaly

60.8519, 0.3428, 0.3403

Tritanomaly

60.7842, 0.3264, 0.3223

Monochromacy



Original Color

61.0875, 0.3373, 0.3451

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6350, 0.3216, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0875, 0.3373, 0.3451 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 202, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 188) }
```

Border

The CSS property to change the border of an element to Yxy 61.0875, 0.3373, 0.3451 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, 188) }
```

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

```
.border{ border-color:rgb(220, 202, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0875, 0.3373, 0.3451 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, 188) }
```

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

```
.background{ background-color: rgb(220,  
202, 188) }
```

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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