

Converting Colors

$Yxy(60.5990, 0.3449, 0.3528)$

Have a look what the booklet for
Yxy(60.5990, 0.3449, 0.3528)
contains.

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Color

Yxy(60.5982, 0.3453, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	DEC9B4
RGB	222, 201, 180
RGB Percent	87%, 79%, 71%
CMY	0.1292, 0.2118, 0.2941
CMYK	0.00, 0.09, 0.19, 0.13
HSL	30°, 39%, 79%
HSV	30°, 19%, 87%
XYZ	59.2596, 60.5982, 51.7599
YIQ	204.8850, 19.2570, -2.0790

Conversions

Conversions Part 2

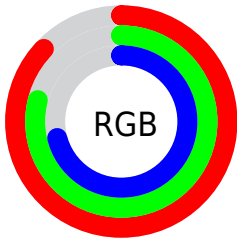
Format	Color
R _Y B	222, 222, 180
Decimal	14600628
CIE Lab	82.16, 4.03, 13.16
CIE LCh	82, 13.760, 72.956
Yxy	60.5982, 0.3453, 0.3531
Android (android.graphics.Color)	4292790708 (0xFFDEC9B4)
YUV	204.8850, -12.2683, 15.0099
Hunter-Lab	77.8448, -0.3449, 15.0688

Details

The Yxy color **60.5982, 0.3453, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7852, 0.2830, 0.3036**, and the grayscale version is **61.0486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **30.6152, 0.3544, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **54.7682, 0.3660, 0.3666**, and if you desaturate by 10%, it is **66.9541, 0.3271, 0.3401**.

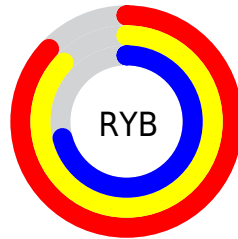
Distribution



Red (87%)

Green (79%)

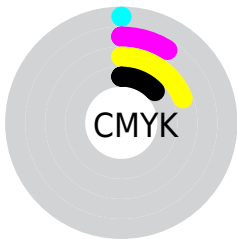
Blue (71%)



Red (87%)

Yellow (87%)

Blue (71%)

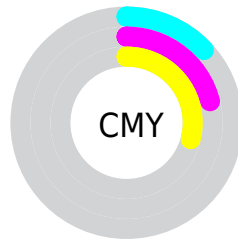


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (21%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5982, 0.3453, 0.3531 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 60.5982, 0.3453, 0.3531 by changing the saturation by 10% instead.


 60.5982, 0.3453,
0.3531

 60.5982, 0.3453,
0.3531


426.7992, 0.3297,
0.3417

 43.9010, 0.3490,
0.3558


 105.6969, 0.3398,
0.3491

 30.5927, 0.3537,
0.3591


134.8673, 0.3376,
0.3476

 20.2889, 0.3597,
0.3633


168.9641, 0.3358,
0.3462

 12.6052, 0.3678,
0.3688

208.3718, 0.3343,
0.3451

 7.1573, 0.3791,
0.3765

253.4747, 0.3329,
0.3441

 3.5606, 0.3962,
0.3876

304.6574, 0.3317,

 1.4310, 0.4314,

0.3432

0.4115

362.3041, 0.3306,
0.3424

0.2394, 0.5766,
0.4234

0.0000, 0.0000,
0.0000

60.5982, 0.3453,
0.3531

60.5982, 0.3453,
0.3531

54.7682, 0.3660,
0.3666

66.9541, 0.3271,
0.3401

49.4412, 0.3892,
0.3801

73.8418, 0.3111,
0.3277

44.6042, 0.4146,
0.3928

81.2776, 0.2972,
0.3162

40.2408, 0.4417,
0.4039

88.3511, 0.2926,
0.3193

■ 36.3330, 0.4694,
0.4120

■ 94.2763, 0.2929,
0.3289

■ 32.8614, 0.4962,
0.4159

■ 29.8043, 0.5204,
0.4146

■ 27.1328, 0.5406,
0.4081

■ 26.8662, 0.5427,
0.4073

Harmonies

Analogous

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



60.5982, 0.3472, 0.3404



60.5982, 0.3453, 0.3531



60.5982, 0.3345, 0.3597

Triad

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



60.5982, 0.3453, 0.3531



60.5982, 0.2865, 0.3320



60.5982, 0.3067, 0.3021

Complementary

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



60.5982, 0.3453, 0.3531



56.7852, 0.2830, 0.3036

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.



60.5982, 0.2908, 0.2994



60.5982, 0.3453, 0.3531



60.5982, 0.2794, 0.3160

Square

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



60.5982, 0.3453, 0.3531



60.5982, 0.3005, 0.3475



60.5982, 0.2810, 0.3043



60.5982, 0.3245, 0.3115

Rectangle

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



60.5982, 0.3453, 0.3531



60.5982, 0.3239, 0.3595



60.5982, 0.2810, 0.3043



60.5982, 0.3009, 0.3004

Sweetspot

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



60.6009, 0.3453, 0.3531



94.2608, 0.3222, 0.3364



52.4358, 0.3312, 0.3042



20.0455, 0.3233, 0.3372



0.0000, 0.0000, 0.0000



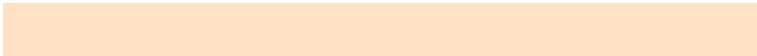
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6009, 0.3453, 0.3531



79.4490, 0.3538, 0.3588



70.7258, 0.3412, 0.3752



14.8251, 0.3280, 0.3407



16.1737, 0.5405, 0.4091



1.3001, 0.5168, 0.4278

Inverse Universe

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



56.7852, 0.2830, 0.3036



73.2475, 0.2760, 0.2972



47.9129, 0.2815, 0.2782



14.3721, 0.2981, 0.3170



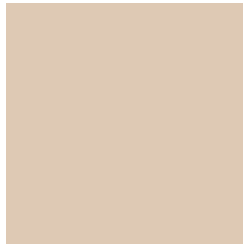
10.1340, 0.1774, 0.1587



0.8815, 0.1852, 0.1865

Previews

White Background



This preview shows how the Yxy color 60.5982, 0.3453, 0.3531 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 60.5982, 0.3453, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

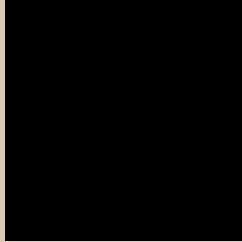
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5982, 0.3453, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 60.5982, 0.3453, 0.3531.



This preview shows how white text looks on a background with the Yxy color 60.5982, 0.3453, 0.3531.

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

60.5982, 0.3453, 0.3531

Protanopia

60.6681, 0.3366, 0.3559

Deuteranopia

60.5923, 0.3545, 0.3469



Tritanopia

60.4021, 0.3247, 0.3113

Trichromacy



Original Color

60.5982, 0.3453, 0.3531

Protanomaly

60.6470, 0.3392, 0.3546

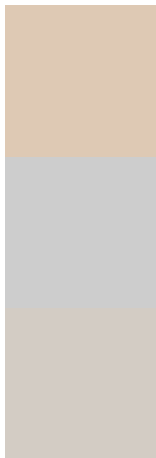
Deuteranomaly

60.3824, 0.3509, 0.3482

Tritanomaly

60.5658, 0.3328, 0.3268

Monochromacy



Original Color

60.5982, 0.3453, 0.3531

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0201, 0.3239, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5982, 0.3453, 0.3531 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(222, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 201, 180)  
}
```

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(222, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 180) }
```

Border

The CSS property to change the border of an element to Yxy 60.5982, 0.3453, 0.3531 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(222, 201, 180) }
```

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

```
.border{ border-color:rgb(222, 201, 180) }
```

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

Here you see how a box with a 4 pixel rgb(222, 201, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5982, 0.3453, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 201, 180) }
```

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

```
.background{ background-color: rgb(222,  
201, 180) }
```

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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