

Converting Colors

$Yxy(61.0577, 0.3356, 0.3379)$

Have a look what the booklet for
Yxy(61.0577, 0.3356, 0.3379)
contains.

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Color

Yxy(61.1531, 0.3353, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	DEC9C1
RGB	222, 201, 193
RGB Percent	87%, 79%, 76%
CMY	0.1293, 0.2118, 0.2430
CMYK	0.00, 0.09, 0.13, 0.13
HSL	16°, 31%, 81%
HSV	16°, 13%, 87%
XYZ	60.6467, 61.1531, 59.0731
YIQ	206.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

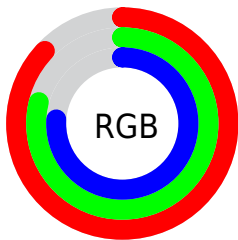
Format	Color
R _Y B	222, 204, 193
Decimal	14600641
CIE Lab	82.46, 6.05, 6.64
CIE LCh	82, 8.985, 47.652
Yxy	61.1531, 0.3353, 0.3381
Android (android.graphics.Color)	4292790721 (0xFFDEC9C1)
YUV	206.3670, -6.5899, 13.7101
Hunter-Lab	78.2004, 1.5810, 9.9523

Details

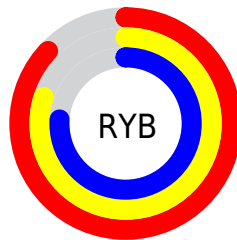
The Yxy color **61.1531, 0.3353, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7454, 0.2926, 0.3197**, and the grayscale version is **62.0094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **30.9764, 0.3409, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **53.1183, 0.3565, 0.3456**, and if you desaturate by 10%, it is **70.1296, 0.3176, 0.3311**.

Distribution



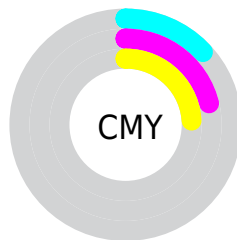
- Red (87%)
- Green (79%)
- Blue (76%)



- Red (87%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1531, 0.3353, 0.3381 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 61.1531, 0.3353, 0.3381 by changing the saturation by 10% instead.


 61.1531, 0.3353,
0.3381

 61.1531, 0.3353,
0.3381

428.8351, 0.3245,
0.3339

 44.3487, 0.3379,
0.3391


 106.5006, 0.3315,
0.3366

 30.9448, 0.3411,
0.3403


135.8125, 0.3300,
0.3360

 20.5568, 0.3453,
0.3418


170.0624, 0.3287,
0.3356

 12.8004, 0.3510,
0.3439

209.6346, 0.3277,
0.3351

 7.2913, 0.3590,
0.3466

254.9136, 0.3267,
0.3347

 3.6449, 0.3711,
0.3507

306.2838, 0.3259,

 1.4770, 0.3919,

0.3344

364.1295, 0.3251,
0.3341

0.3569

0.2724, 0.5988,
0.4012

0.0000, 0.0000,
0.0000

61.1531, 0.3353,
0.3381

61.1531, 0.3353,
0.3381

53.1183, 0.3565,
0.3456

70.1296, 0.3176,
0.3311

45.9862, 0.3816,
0.3532

80.0689, 0.3027,
0.3245

39.7271, 0.4109,
0.3607

90.6995, 0.2927,
0.3232

34.3066, 0.4445,
0.3672

94.2754, 0.2929,
0.3289

■ 29.6877, 0.4815,
0.3720

■ 25.8307, 0.5200,
0.3738

■ 22.6921, 0.5566,
0.3716

■ 20.2233, 0.5873,
0.3649

■ 18.8694, 0.6042,
0.3585

Harmonies

Analogous

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



61.1531, 0.3313, 0.3283



61.1531, 0.3353, 0.3381



61.1531, 0.3331, 0.3458

Triad

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



61.1531, 0.3353, 0.3381



61.1531, 0.3031, 0.3396



61.1531, 0.2999, 0.3095

Complementary

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



61.1531, 0.3353, 0.3381



64.7454, 0.2926, 0.3197

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.



61.1531, 0.2926, 0.3121



61.1531, 0.3353, 0.3381



61.1531, 0.2945, 0.3294

Square

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



61.1531, 0.3353, 0.3381



61.1531, 0.3144, 0.3469



61.1531, 0.2907, 0.3193



61.1531, 0.3107, 0.3120

Rectangle

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



61.1531, 0.3353, 0.3381



61.1531, 0.3285, 0.3486



61.1531, 0.2907, 0.3193



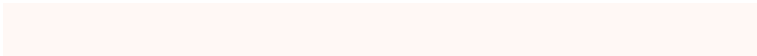
61.1531, 0.2970, 0.3098

Sweetspot

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



61.1558, 0.3353, 0.3381



94.7299, 0.3191, 0.3317



58.5567, 0.3200, 0.3053



20.0691, 0.3204, 0.3322



0.0000, 0.0000, 0.0000



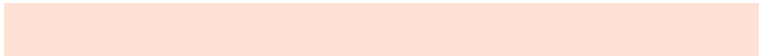
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1558, 0.3353, 0.3381



80.1939, 0.3414, 0.3403



68.1238, 0.3332, 0.3539



14.3100, 0.3285, 0.3355



11.3639, 0.6016, 0.3605



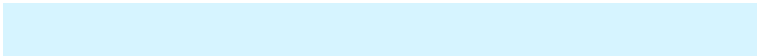
0.9350, 0.5711, 0.3847

Inverse Universe

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



64.7454, 0.2926, 0.3197



86.1255, 0.2879, 0.3174



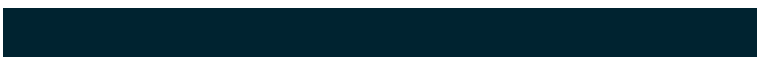
57.8299, 0.2922, 0.3028



14.9026, 0.2982, 0.3224



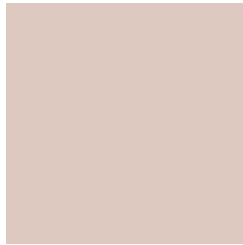
18.4764, 0.1993, 0.2376



1.4278, 0.2037, 0.2533

Previews

White Background



This preview shows how the Yxy color 61.1531, 0.3353, 0.3381 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 61.1531, 0.3353, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

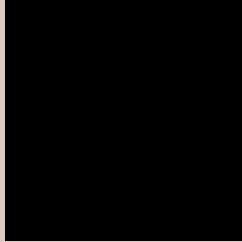
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1531, 0.3353, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 61.1531, 0.3353, 0.3381.

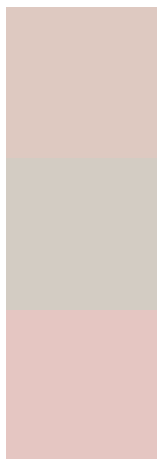


This preview shows how white text looks on a background with the Yxy color 61.1531, 0.3353, 0.3381.

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

61.1531, 0.3353, 0.3381

Protanopia

60.9747, 0.3246, 0.3395

Deuteranopia

60.9412, 0.3407, 0.3335



Tritanopia

61.1998, 0.3229, 0.3124

Trichromacy



Original Color

61.1531, 0.3353, 0.3381

Protanomaly

61.0540, 0.3287, 0.3394

Deuteranomaly

60.9106, 0.3381, 0.3347

Tritanomaly

61.1504, 0.3273, 0.3212

Monochromacy



Original Color

61.1531, 0.3353, 0.3381

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3998, 0.3210, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1531, 0.3353, 0.3381 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.1531, 0.3353, 0.3381 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, 193) }
```

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

```
.border{ border-color:rgb(222, 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(222, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1531, 0.3353, 0.3381 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, 193) }
```

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

```
.background{ background-color: rgb(222,  
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](#).

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