

Converting Colors

$Yxy(60.8877, 0.3424, 0.3556)$

Have a look what the booklet for
Yxy(60.8877, 0.3424, 0.3556)
contains.

Yxy(61.0672, 0.3424, 0.3556)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.0672, 0.3424, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	DBCBB4
RGB	219, 203, 180
RGB Percent	86%, 80%, 71%
CMY	0.1413, 0.2039, 0.2942
CMYK	0.00, 0.07, 0.18, 0.14
HSL	35°, 35%, 78%
HSV	35°, 18%, 86%
XYZ	58.8004, 61.0672, 51.8625
YIQ	205.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

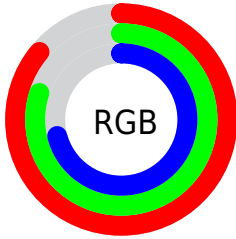
Format	Color
R _Y B	207, 219, 180
Decimal	14404532
CIE Lab	82.41, 1.84, 13.49
CIE LCh	82, 13.613, 82.239
Yxy	61.0672, 0.3424, 0.3556
Android (android.graphics.Color)	4292594612 (0xFFDBCBB4)
YUV	205.1620, -12.4049, 12.1359
Hunter-Lab	78.1455, -2.4428, 15.3531

Details

The Yxy color **61.0672, 0.3424, 0.3556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2716, 0.2846, 0.3009**, and the grayscale version is **61.2303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **30.9197, 0.3505, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **56.1344, 0.3618, 0.3713**, and if you desaturate by 10%, it is **66.3913, 0.3250, 0.3404**.

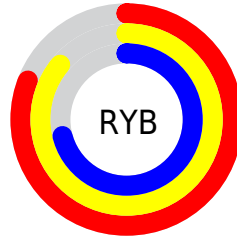
Distribution



Red (86%)

Green (80%)

Blue (71%)



Red (81%)

Yellow (86%)

Blue (71%)

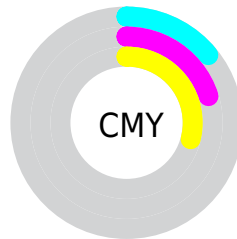


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (14%)



Cyan (14%)


Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0672, 0.3424, 0.3556 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 61.0672, 0.3424, 0.3556 by changing the saturation by 10% instead.

 61.0672, 0.3424,
0.3556

 61.0672, 0.3424,
0.3556


428.5204, 0.3282,
0.3430

 44.2794, 0.3458,
0.3586


 106.3762, 0.3374,
0.3512

 30.8902, 0.3500,
0.3623


135.6663, 0.3355,
0.3494

 20.5153, 0.3554,
0.3670


169.8925, 0.3338,
0.3480

 12.7701, 0.3626,
0.3733

209.4393, 0.3324,
0.3467

 7.2705, 0.3728,
0.3820

254.6911, 0.3311,
0.3456

 3.6318, 0.3880,
0.3949

306.0323, 0.3300,

 1.4698, 0.4193,

0.3446

0.4219

363.8472, 0.3291,
0.3437

0.2673, 0.5279,
0.4721

0.0000, 0.0000,
0.0000

61.0672, 0.3424,
0.3556

61.0672, 0.3424,
0.3556

56.1344, 0.3618,
0.3713

66.3913, 0.3250,
0.3404

51.5740, 0.3830,
0.3871

72.1085, 0.3095,
0.3259

47.3773, 0.4058,
0.4021

78.2315, 0.2957,
0.3124

43.5322, 0.4295,
0.4154

83.9324, 0.2906,
0.3124

■ 40.0257, 0.4532,
0.4259

■ 89.3079, 0.2909,
0.3216

■ 36.8434, 0.4757,
0.4323

■ 93.7958, 0.2911,
0.3289

■ 33.9691, 0.4956,
0.4337

■ 31.3817, 0.5122,
0.4299

■ 30.8453, 0.5157,
0.4287

Harmonies

Analogous

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



61.0672, 0.3472, 0.3446



61.0672, 0.3424, 0.3556



61.0672, 0.3296, 0.3597

Triad

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



61.0672, 0.3424, 0.3556



61.0672, 0.2838, 0.3269



61.0672, 0.3122, 0.3047

Complementary

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



61.0672, 0.3424, 0.3556



54.2716, 0.2846, 0.3009

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.



61.0672, 0.2955, 0.2998



61.0672, 0.3424, 0.3556



61.0672, 0.2794, 0.3120

Square

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



61.0672, 0.3424, 0.3556



61.0672, 0.2958, 0.3429



61.0672, 0.2836, 0.3023



61.0672, 0.3295, 0.3156

Rectangle

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



61.0672, 0.3424, 0.3556



61.0672, 0.3184, 0.3576



61.0672, 0.2836, 0.3023



61.0672, 0.3063, 0.3023

Sweetspot

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



61.0699, 0.3424, 0.3556



95.9209, 0.3205, 0.3363



51.6909, 0.3332, 0.3102



20.4108, 0.3216, 0.3373



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.



61.0699, 0.3424, 0.3556



83.8212, 0.3487, 0.3609



68.5004, 0.3369, 0.3734



14.3235, 0.3277, 0.3428



18.5154, 0.5138, 0.4302



1.3675, 0.4943, 0.4457

Inverse Universe

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



54.2716, 0.2846, 0.3009



72.6734, 0.2790, 0.2949



47.8486, 0.2861, 0.2811



13.4882, 0.2982, 0.3148



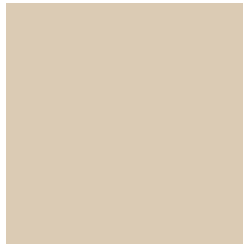
7.5366, 0.1694, 0.1298



0.6551, 0.1784, 0.1622

Previews

White Background



This preview shows how the Yxy color 61.0672, 0.3424, 0.3556 looks on a white background.

Color Contrast Check

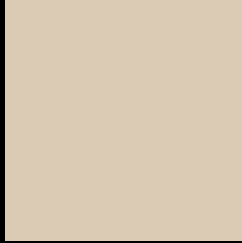
Large Text (above 18pt) WCAG AA × Fail

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 61.0672, 0.3424, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

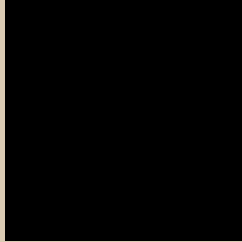
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

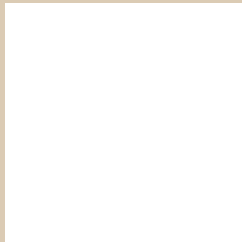
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0672, 0.3424, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 61.0672, 0.3424, 0.3556.



This preview shows how white text looks on a background with the Yxy color 61.0672, 0.3424, 0.3556.

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

61.0672, 0.3424, 0.3556

Protanopia

60.8181, 0.3374, 0.3559

Deuteranopia

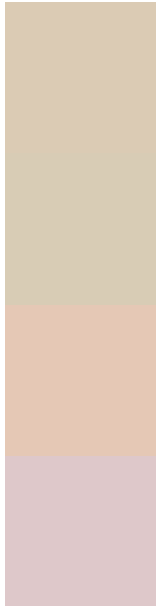
61.2168, 0.3551, 0.3480



Tritanopia

60.9312, 0.3206, 0.3112

Trichromacy



Original Color

61.0672, 0.3424, 0.3556

Protanomaly

61.1209, 0.3390, 0.3557

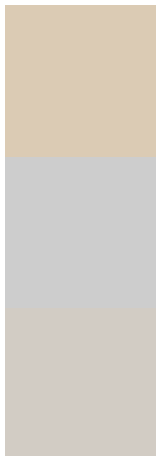
Deuteranomaly

61.3028, 0.3505, 0.3504

Tritanomaly

61.1024, 0.3286, 0.3268

Monochromacy



Original Color

61.0672, 0.3424, 0.3556

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8729, 0.3231, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0672, 0.3424, 0.3556 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(219, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 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(219, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 180) }
```

Border

The CSS property to change the border of an element to Yxy 61.0672, 0.3424, 0.3556 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(219, 203, 180) }
```

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

```
.border{ border-color:rgb(219, 203, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0672, 0.3424, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 180) }
```

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

```
.background{ background-color: rgb(219,  
203, 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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