

Converting Colors

$Yxy(61.5841, 0.3403, 0.3562)$

Have a look what the booklet for
Yxy(61.5841, 0.3403, 0.3562)
contains.

Yxy(61.4274, 0.3407, 0.3556)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.4274, 0.3407, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	DACCB5
RGB	218, 204, 181
RGB Percent	85%, 80%, 71%
CMY	0.1450, 0.2000, 0.2903
CMYK	0.00, 0.06, 0.17, 0.14
HSL	37°, 33%, 78%
HSV	37°, 17%, 86%
XYZ	58.8535, 61.4274, 52.4620
YIQ	205.5640, 15.7270, -4.1850

Conversions

Conversions Part 2

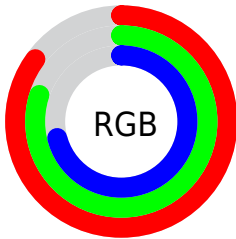
Format	Color
R _Y B	204, 218, 181
Decimal	14339253
CIE Lab	82.61, 1.13, 13.22
CIE LCh	83, 13.270, 85.097
Yxy	61.4274, 0.3407, 0.3556
Android (android.graphics.Color)	4292529333 (0xFFDACCB5)
YUV	205.5640, -12.1101, 10.9064
Hunter-Lab	78.3756, -3.1188, 15.1762

Details

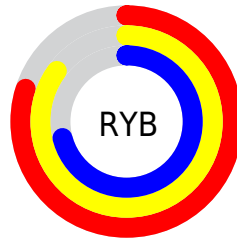
The Yxy color **61.4274, 0.3407, 0.3556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9282, 0.2859, 0.3009**, and the grayscale version is **61.5032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **31.1577, 0.3481, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **56.7797, 0.3596, 0.3721**, and if you desaturate by 10%, it is **66.4291, 0.3236, 0.3397**.

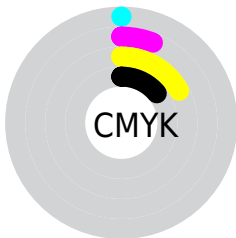
Distribution



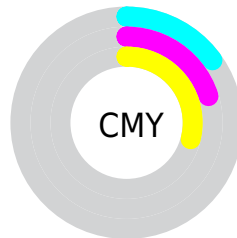
- Red (85%)
- Green (80%)
- Blue (71%)



- Red (80%)
- Yellow (85%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (14%)




- Cyan (15%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4274, 0.3407, 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 61.4274, 0.3407, 0.3556 by changing the saturation by 10% instead.


 61.4274, 0.3407,
0.3556

 61.4274, 0.3407,
0.3556


429.8394, 0.3273,
0.3430

 44.5702, 0.3439,
0.3586


 106.8975, 0.3360,
0.3511

 31.1190, 0.3478,
0.3623

136.2792, 0.3342,
0.3494

 20.6895, 0.3529,
0.3670

170.6046, 0.3326,
0.3480

 12.8972, 0.3597,
0.3734

210.2579, 0.3313,
0.3467

 7.3578, 0.3692,
0.3822

255.6237, 0.3301,
0.3456

 3.6869, 0.3834,
0.3952

307.0862, 0.3291,

 1.5000, 0.4115,

0.3446

0.4212

365.0300, 0.3282,
0.3437

■ 0.2887, 0.5113,
0.4887

■ 0.0000, 0.0000,
0.0000

■ 61.4274, 0.3407,
0.3556

■ 61.4274, 0.3407,
0.3556

■ 56.7797, 0.3596,
0.3721

■ 66.4291, 0.3236,
0.3397

■ 52.4681, 0.3802,
0.3885

■ 71.7857, 0.3083,
0.3246

■ 48.4849, 0.4021,
0.4043

■ 77.5088, 0.2947,
0.3104

■ 44.8193, 0.4247,
0.4185

■ 82.7271, 0.2900,
0.3104

■ 41.4593, 0.4472,
0.4299

■ 87.6242, 0.2902,
0.3190

■ 38.3917, 0.4684,
0.4373

■ 92.7446, 0.2905,
0.3275

■ 35.6017, 0.4872,
0.4398

■ 93.6511, 0.2906,
0.3289

■ 33.0709, 0.5026,
0.4370

■ 32.3525, 0.5069,
0.4357

Harmonies

Analogous

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



61.4274, 0.3462, 0.3454



61.4274, 0.3407, 0.3556



61.4274, 0.3277, 0.3588

Triad

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



61.4274, 0.3407, 0.3556



61.4274, 0.2838, 0.3254



61.4274, 0.3139, 0.3061

Complementary

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



61.4274, 0.3407, 0.3556



53.9282, 0.2859, 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.



61.4274, 0.2973, 0.3007



61.4274, 0.3407, 0.3556



61.4274, 0.2803, 0.3113

Square

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



61.4274, 0.3407, 0.3556



61.4274, 0.2949, 0.3411



61.4274, 0.2852, 0.3025



61.4274, 0.3305, 0.3172

Rectangle

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



61.4274, 0.3407, 0.3556



61.4274, 0.3166, 0.3562



61.4274, 0.2852, 0.3025



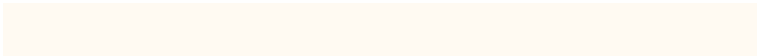
61.4274, 0.3081, 0.3036

Sweetspot

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



61.4301, 0.3407, 0.3556



96.1615, 0.3205, 0.3367



51.9015, 0.3331, 0.3125



20.4693, 0.3216, 0.3377



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.



61.4301, 0.3407, 0.3556



85.4219, 0.3465, 0.3608



67.7507, 0.3348, 0.3715



14.3916, 0.3276, 0.3435



19.5887, 0.5053, 0.4370



1.4332, 0.4876, 0.4510

Inverse Universe

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



53.9282, 0.2859, 0.3009



73.0081, 0.2805, 0.2950



48.4583, 0.2884, 0.2837



13.4219, 0.2981, 0.3141



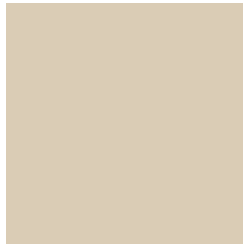
6.8958, 0.1670, 0.1210



0.6097, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 61.4274, 0.3407, 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 61.4274, 0.3407, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

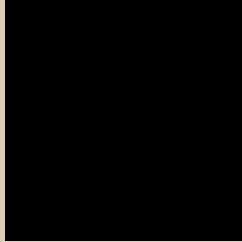
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

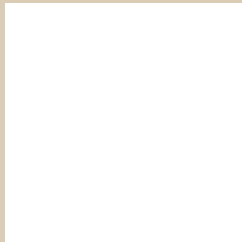
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4274, 0.3407, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 61.4274, 0.3407, 0.3556.

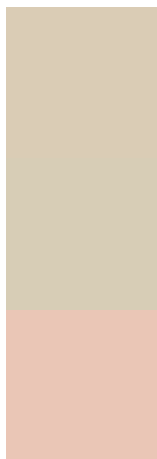


This preview shows how white text looks on a background with the Yxy color 61.4274, 0.3407, 0.3556.

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

61.4274, 0.3407, 0.3556

Protanopia

61.4871, 0.3373, 0.3558

Deuteranopia

61.2580, 0.3543, 0.3469



Tritanopia

61.2827, 0.3190, 0.3112

Trichromacy



Original Color

61.4274, 0.3407, 0.3556

Protanomaly

61.6390, 0.3381, 0.3557

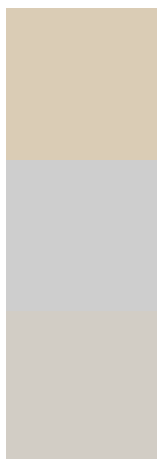
Deuteranomaly

61.1799, 0.3489, 0.3494

Tritanomaly

61.4572, 0.3269, 0.3268

Monochromacy



Original Color

61.4274, 0.3407, 0.3556

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3955, 0.3223, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4274, 0.3407, 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(218, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 181)  
}
```

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(218, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 181) }
```

Border

The CSS property to change the border of an element to Yxy 61.4274, 0.3407, 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(218, 204, 181) }
```

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

```
.border{ border-color:rgb(218, 204, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4274, 0.3407, 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(218, 204, 181) }
```

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

```
.background{ background-color: rgb(218,  
204, 181) }
```

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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