

Converting Colors

Yxy(61.9457, 0.3438, 0.3553)

Have a look what the booklet for
Yxy(61.9457, 0.3438, 0.3553)
contains.

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Color

Yxy(62.0515, 0.3439, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	DECCB5
RGB	222, 204, 181
RGB Percent	87%, 80%, 71%
CMY	0.1294, 0.2000, 0.2901
CMYK	0.00, 0.08, 0.18, 0.13
HSL	34°, 38%, 79%
HSV	34°, 18%, 87%
XYZ	60.0605, 62.0515, 52.5333
YIQ	206.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

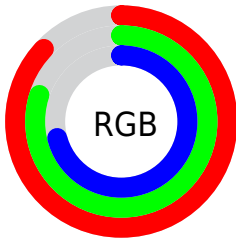
Format	Color
R _Y B	213, 222, 181
Decimal	14601397
CIE Lab	82.94, 2.59, 13.72
CIE LCh	83, 13.967, 79.300
Yxy	62.0515, 0.3439, 0.3553
Android (android.graphics.Color)	4292791477 (0xFFDECCB5)
YUV	206.7600, -12.6997, 13.3655
Hunter-Lab	78.7728, -1.7545, 15.6006

Details

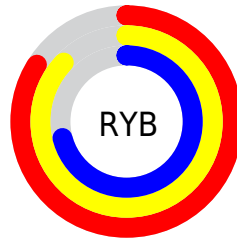
The Yxy color **62.0515, 0.3439, 0.3553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9561, 0.2835, 0.3012**, and the grayscale version is **62.3115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **31.5867, 0.3524, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **56.7225, 0.3638, 0.3703**, and if you desaturate by 10%, it is **67.8215, 0.3261, 0.3407**.

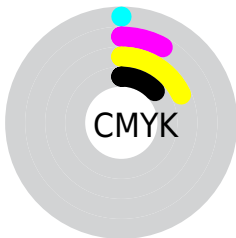
Distribution



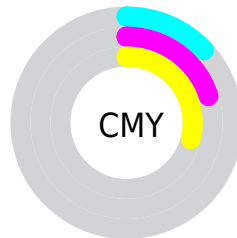
- Red (87%)
- Green (80%)
- Blue (71%)



- Red (84%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0515, 0.3439, 0.3553 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 62.0515, 0.3439, 0.3553 by changing the saturation by 10% instead.


 62.0515, 0.3439,
0.3553

 62.0515, 0.3439,
0.3553


432.1189, 0.3290,
0.3429

 45.0743, 0.3474,
0.3582


 107.8000, 0.3386,
0.3509

 31.5160, 0.3518,
0.3618


137.3400, 0.3366,
0.3493

 20.9921, 0.3575,
0.3664


171.8365, 0.3349,
0.3478

 13.1182, 0.3650,
0.3725

211.6738, 0.3334,
0.3466

 7.5100, 0.3756,
0.3809

257.2363, 0.3321,
0.3455

 3.7830, 0.3913,
0.3932

308.9084, 0.3310,

 1.5530, 0.4217,

0.3445

0.4171

367.0744, 0.3299,
0.3436

0.3256, 0.5338,
0.4662

0.0000, 0.0000,
0.0000

62.0515, 0.3439,
0.3553

62.0515, 0.3439,
0.3553

56.7225, 0.3638,
0.3703

67.8215, 0.3261,
0.3407

51.8142, 0.3857,
0.3853

74.0358, 0.3104,
0.3269

47.3164, 0.4093,
0.3996

80.7082, 0.2966,
0.3141

43.2155, 0.4342,
0.4122

86.8578, 0.2926,
0.3167

■ 39.4967, 0.4591,
0.4218

■ 92.8510, 0.2928,
0.3267

■ 36.1438, 0.4829,
0.4272

■ 94.2712, 0.2929,
0.3289

■ 33.1386, 0.5042,
0.4276

■ 30.4567, 0.5219,
0.4227

■ 30.0698, 0.5245,
0.4217

Harmonies

Analogous

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



62.0515, 0.3479, 0.3435



62.0515, 0.3439, 0.3553



62.0515, 0.3315, 0.3603

Triad

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



62.0515, 0.3439, 0.3553



62.0515, 0.2841, 0.3284



62.0515, 0.3104, 0.3034

Complementary

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



62.0515, 0.3439, 0.3553



55.9561, 0.2835, 0.3012

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.



62.0515, 0.2937, 0.2991



62.0515, 0.3439, 0.3553



62.0515, 0.2788, 0.3130

Square

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



62.0515, 0.3439, 0.3553



62.0515, 0.2970, 0.3446



62.0515, 0.2822, 0.3024



62.0515, 0.3282, 0.3140

Rectangle

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



62.0515, 0.3439, 0.3553



62.0515, 0.3202, 0.3588



62.0515, 0.2822, 0.3024



62.0515, 0.3045, 0.3012

Sweetspot

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



62.0543, 0.3439, 0.3553



94.8402, 0.3222, 0.3373



52.7288, 0.3330, 0.3079



20.1824, 0.3232, 0.3382



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.



62.0543, 0.3439, 0.3553



82.1718, 0.3510, 0.3608



70.7940, 0.3389, 0.3750



14.9692, 0.3278, 0.3421



18.0842, 0.5225, 0.4233



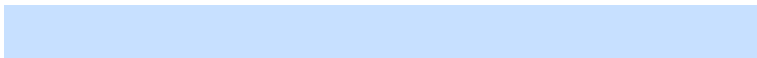
1.4310, 0.5023, 0.4394

Inverse Universe

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



55.9561, 0.2835, 0.3012



72.4140, 0.2774, 0.2949



48.4020, 0.2839, 0.2789



14.2291, 0.2981, 0.3155



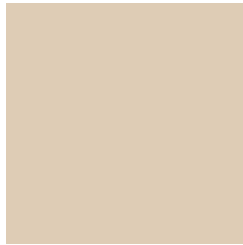
8.4806, 0.1719, 0.1388



0.7639, 0.1802, 0.1686

Previews

White Background



This preview shows how the Yxy color 62.0515, 0.3439, 0.3553 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 62.0515, 0.3439, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

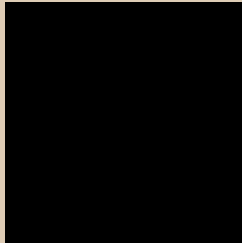
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

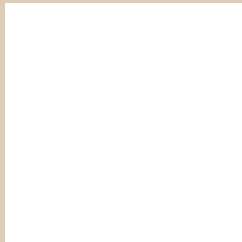
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0515, 0.3439, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 62.0515, 0.3439, 0.3553.



This preview shows how white text looks on a background with the Yxy color 62.0515, 0.3439, 0.3553.

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

62.0515, 0.3439, 0.3553

Protanopia

62.1189, 0.3379, 0.3568

Deuteranopia

61.8864, 0.3549, 0.3479



Tritanopia

61.9219, 0.3221, 0.3114

Trichromacy



Original Color

62.0515, 0.3439, 0.3553

Protanomaly

61.9455, 0.3397, 0.3555

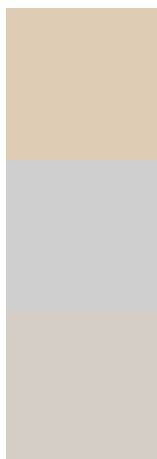
Deuteranomaly

61.9737, 0.3503, 0.3504

Tritanomaly

62.0926, 0.3301, 0.3268

Monochromacy



Original Color

62.0515, 0.3439, 0.3553

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2169, 0.3230, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0515, 0.3439, 0.3553 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, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 181) }
```

Border

The CSS property to change the border of an element to Yxy 62.0515, 0.3439, 0.3553 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, 204, 181) }
```

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

```
.border{ border-color:rgb(222, 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(222, 204, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0515, 0.3439, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 181) }
```

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

```
.background{ background-color: rgb(222,  
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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