

Converting Colors

Yxy(60.9682, 0.3526, 0.3720)

Have a look what the booklet for
Yxy(60.9682, 0.3526, 0.3720)
contains.

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Color

Yxy(61.0358, 0.3521, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	DBCCA7
RGB	219, 204, 167
RGB Percent	86%, 80%, 65%
CMY	0.1411, 0.2000, 0.3451
CMYK	0.00, 0.07, 0.24, 0.14
HSL	43°, 42%, 76%
HSV	43°, 24%, 86%
XYZ	57.7862, 61.0358, 45.2968
YIQ	204.2670, 20.8170, -8.3270

Conversions

Conversions Part 2

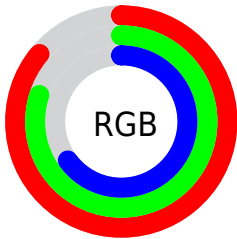
Format	Color
RYB	188, 219, 167
Decimal	14404775
CIELab	82.40, -0.55, 20.35
CIELCh	82, 20.357, 91.555
Yxy	61.0358, 0.3521, 0.3719
Android (android.graphics.Color)	4292594855 (0xFFDBCCA7)
YUV	204.2670, -18.3726, 12.9208
Hunter-Lab	78.1254, -4.6902, 20.3117

Details

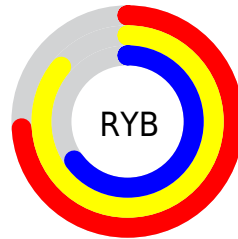
The Yxy color **61.0358, 0.3521, 0.3719** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7994, 0.2740, 0.2820**, and the grayscale version is **60.6730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **30.9430, 0.3623, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **57.3496, 0.3709, 0.3906**, and if you desaturate by 10%, it is **64.9868, 0.3345, 0.3534**.

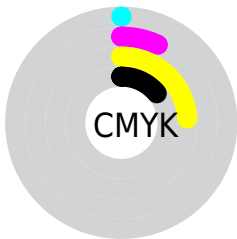
Distribution



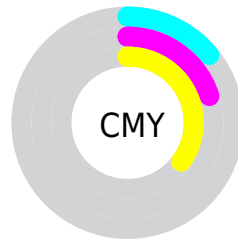
- Red (86%)
- Green (80%)
- Blue (65%)



- Red (74%)
- Yellow (86%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0358, 0.3521, 0.3719 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 61.0358, 0.3521, 0.3719 by changing the saturation by 10% instead.

 61.0358, 0.3521,
0.3719


 61.0358, 0.3521,
0.3719


428.4053, 0.3334,
0.3515

 44.2541, 0.3565,
0.3767


 106.3308, 0.3455,
0.3647

 30.8703, 0.3619,
0.3827


 135.6128, 0.3430,
0.3619

 20.5001, 0.3689,
0.3903


169.8304, 0.3408,
0.3596

 12.7591, 0.3781,
0.4004

209.3679, 0.3389,
0.3575

 7.2629, 0.3907,
0.4143

254.6097, 0.3373,
0.3557

 3.6270, 0.4086,
0.4343

305.9403, 0.3358,

 1.4672, 0.4720,

0.3541

363.7440, 0.3345,
0.3527

0.5034

0.2655, 0.4736,
0.5264

0.0000, 0.0000,
0.0000

61.0358, 0.3521,
0.3719

61.0358, 0.3521,
0.3719

57.3496, 0.3709,
0.3906

64.9868, 0.3345,
0.3534

53.9117, 0.3905,
0.4087

69.2023, 0.3184,
0.3355

50.7157, 0.4104,
0.4253

73.6922, 0.3037,
0.3185

47.7521, 0.4297,
0.4394

78.4638, 0.2905,
0.3027

45.0099, 0.4476,
0.4498

82.0594, 0.2905,
0.3090

42.4769, 0.4632,
0.4557

85.7591, 0.2907,
0.3156

40.1385, 0.4757,
0.4566

89.5891, 0.2909,
0.3221

38.7614, 0.4823,
0.4552

93.5505, 0.2911,
0.3285

93.8033, 0.2912,
0.3289

Harmonies

Analogous

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



61.0358, 0.3637, 0.3576



61.0358, 0.3521, 0.3719



61.0358, 0.3300, 0.3747

Triad

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



61.0358, 0.3521, 0.3719



61.0358, 0.2666, 0.3179



61.0358, 0.3200, 0.2974

Complementary

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



61.0358, 0.3521, 0.3719



46.7994, 0.2740, 0.2820

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.



61.0358, 0.2941, 0.2872



61.0358, 0.3521, 0.3719



61.0358, 0.2641, 0.2978

Square

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



61.0358, 0.3521, 0.3719



61.0358, 0.2809, 0.3425



61.0358, 0.2739, 0.2871



61.0358, 0.3449, 0.3152

Rectangle

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



61.0358, 0.3521, 0.3719



61.0358, 0.3126, 0.3690



61.0358, 0.2739, 0.2871



61.0358, 0.3111, 0.2930

Sweetspot

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



61.0385, 0.3521, 0.3719



95.6579, 0.3236, 0.3413



46.1057, 0.3473, 0.3106



20.3965, 0.3245, 0.3424



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.



61.0385, 0.3521, 0.3719



83.7655, 0.3604, 0.3803



66.9639, 0.3404, 0.3896



14.5954, 0.3274, 0.3456



23.1753, 0.4812, 0.4562



1.6465, 0.4687, 0.4660

Inverse Universe

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



46.7994, 0.2740, 0.2820



60.6520, 0.2660, 0.2717



42.1505, 0.2806, 0.2638



13.2268, 0.2981, 0.3119



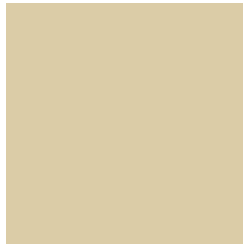
5.3207, 0.1605, 0.0979



0.4909, 0.1696, 0.1304

Previews

White Background



This preview shows how the Yxy color 61.0358, 0.3521, 0.3719 looks on a white background.

Color Contrast Check

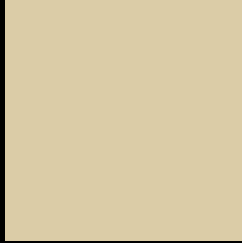
Large Text (above 18pt) WCAG AA × Fail

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 61.0358, 0.3521, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

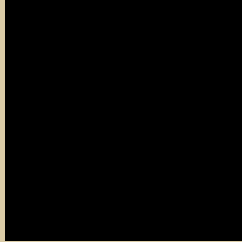
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0358, 0.3521, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 61.0358, 0.3521, 0.3719.

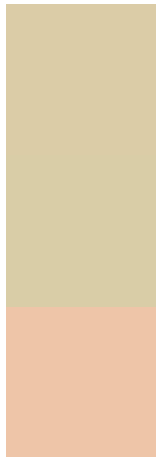


This preview shows how white text looks on a background with the Yxy color 61.0358, 0.3521, 0.3719.

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

61.0358, 0.3521, 0.3719

Protanopia

61.2044, 0.3502, 0.3733

Deuteranopia

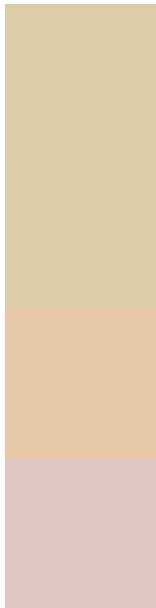
60.9368, 0.3691, 0.3611



Tritanopia

61.1998, 0.3229, 0.3124

Trichromacy



Original Color

61.0358, 0.3521, 0.3719

Protanomaly

61.3581, 0.3510, 0.3731

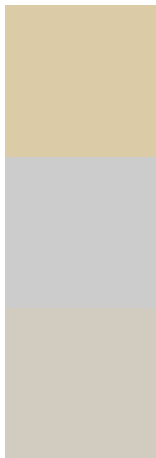
Deuteranomaly

61.1246, 0.3624, 0.3650

Tritanomaly

60.9821, 0.3340, 0.3336

Monochromacy



Original Color

61.0358, 0.3521, 0.3719

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5026, 0.3260, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0358, 0.3521, 0.3719 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, 204, 167)` looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 167)  
}
```

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, 204, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 167) }
```

Border

The CSS property to change the border of an element to Yxy 61.0358, 0.3521, 0.3719 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, 204, 167) }
```

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

```
.border{ border-color:rgb(219, 204, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 167);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0358, 0.3521, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 167) }
```

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

```
.background{ background-color: rgb(219,  
204, 167) }
```

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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