

Converting Colors

Yxy(61.2544, 0.3631, 0.3913)

Have a look what the booklet for
Yxy(61.2544, 0.3631, 0.3913)
contains.

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Color

Yxy(61.4697, 0.3628, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	DBCE98
RGB	219, 206, 152
RGB Percent	86%, 81%, 60%
CMY	0.1410, 0.1922, 0.4038
CMYK	0.00, 0.06, 0.31, 0.14
HSL	48°, 48%, 73%
HSV	48°, 31%, 86%
XYZ	56.9635, 61.4697, 38.5775
YIQ	203.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

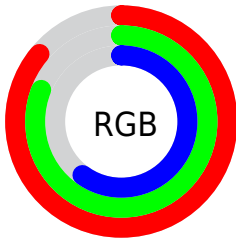
Format	Color
RYB	168, 219, 152
Decimal	14405272
CIELab	82.63, -3.58, 28.53
CIELCh	83, 28.755, 97.142
Yxy	61.4697, 0.3628, 0.3915
Android (android.graphics.Color)	4292595352 (0xFFDBCE98)
YUV	203.7310, -25.5034, 13.3909
Hunter-Lab	78.4026, -7.5152, 25.7085

Details

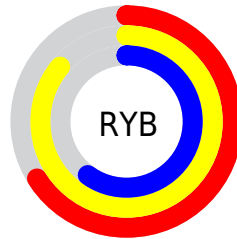
The Yxy color **61.4697, 0.3628, 0.3915** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7328, 0.2607, 0.2575**, and the grayscale version is **60.3628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **31.1826, 0.3740, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **58.7932, 0.3805, 0.4118**, and if you desaturate by 10%, it is **64.3401, 0.3455, 0.3707**.

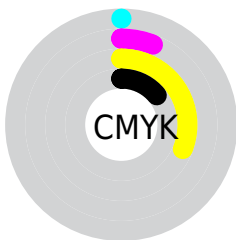
Distribution



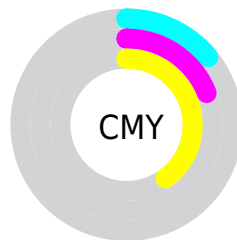
- Red (86%)
- Green (81%)
- Blue (60%)



- Red (66%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (14%)




- Cyan (14%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4697, 0.3628, 0.3915 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 61.4697, 0.3628, 0.3915 by changing the saturation by 10% instead.

 61.4697, 0.3628,
0.3915


 61.4697, 0.3628,
0.3915


429.9941, 0.3393,
0.3617

 44.6043, 0.3682,
0.3984


 106.9587, 0.3546,
0.3810

 31.1459, 0.3748,
0.4071


 136.3512, 0.3514,
0.3770

 20.7100, 0.3831,
0.4180


170.6881, 0.3487,
0.3735

 12.9122, 0.3937,
0.4323

210.3540, 0.3463,
0.3705

 7.3681, 0.4075,
0.4514

255.7331, 0.3442,
0.3679

 3.6934, 0.4263,
0.4787

307.2099, 0.3424,

 1.5035, 0.4653,

0.3656

0.5347

365.1688, 0.3407,
0.3635

0.2912, 0.3942,
0.6058

0.0000, 0.0000,
0.0000

61.4697, 0.3628,
0.3915

61.4697, 0.3628,
0.3915

58.7932, 0.3805,
0.4118

64.3401, 0.3455,
0.3707

56.2945, 0.3980,
0.4308

67.4032, 0.3290,
0.3501

53.9680, 0.4147,
0.4473

70.6685, 0.3136,
0.3302

51.8041, 0.4297,
0.4604

74.1423, 0.2994,
0.3113

■ 49.7924, 0.4423,
0.4693

■ 77.4018, 0.2902,
0.3002

■ 47.9201, 0.4521,
0.4735

■ 79.7692, 0.2904,
0.3047

■ 46.2664, 0.4590,
0.4737

■ 82.1949, 0.2905,
0.3092

■ 84.6792, 0.2907,
0.3137

■ 87.2226, 0.2908,
0.3181

Harmonies

Analogous

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



61.4697, 0.3830, 0.3728



61.4697, 0.3628, 0.3915



61.4697, 0.3297, 0.3931

Triad

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



61.4697, 0.3628, 0.3915



61.4697, 0.2467, 0.3065



61.4697, 0.3296, 0.2892

Complementary

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



61.4697, 0.3628, 0.3915



38.7328, 0.2607, 0.2575

Split Complementary

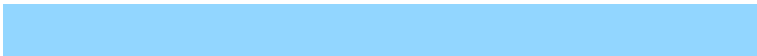
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4697, 0.2926, 0.2730



61.4697, 0.3628, 0.3915



61.4697, 0.2466, 0.2810

Square

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



61.4697, 0.3628, 0.3915



61.4697, 0.2633, 0.3412



61.4697, 0.2628, 0.2696



61.4697, 0.3636, 0.3148

Rectangle

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



61.4697, 0.3628, 0.3915



61.4697, 0.3052, 0.3827



61.4697, 0.2628, 0.2696



61.4697, 0.3170, 0.2826

Sweetspot

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



61.4725, 0.3628, 0.3915



95.7900, 0.3266, 0.3470



40.2632, 0.3676, 0.3130



20.3621, 0.3289, 0.3499



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.



61.4725, 0.3628, 0.3915



84.1709, 0.3747, 0.4053



65.0876, 0.3430, 0.4093



14.8104, 0.3272, 0.3477



27.5767, 0.4583, 0.4743



1.8991, 0.4508, 0.4803

Inverse Universe

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



38.7328, 0.2607, 0.2575



47.0120, 0.2478, 0.2387



36.3662, 0.2750, 0.2435



13.0257, 0.2981, 0.3096



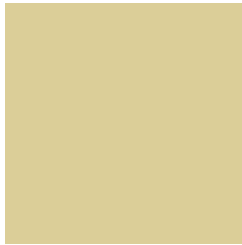
4.1639, 0.1554, 0.0794



0.3905, 0.1635, 0.1086

Previews

White Background



This preview shows how the Yxy color 61.4697, 0.3628, 0.3915 looks on a white background.

Color Contrast Check

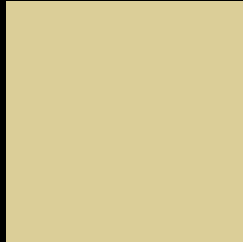
Large Text (above 18pt) WCAG AA × Fail

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 61.4697, 0.3628, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

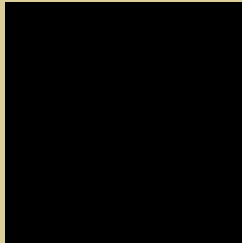
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4697, 0.3628, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 61.4697, 0.3628, 0.3915.



This preview shows how white text looks on a background with the Yxy color 61.4697, 0.3628, 0.3915.

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

61.4697, 0.3628, 0.3915

Protanopia

61.3018, 0.3648, 0.3901

Deuteranopia

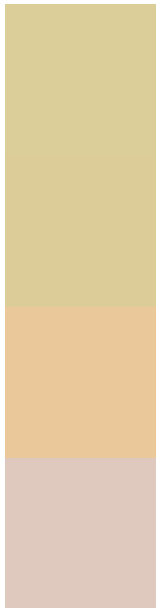
61.3203, 0.3846, 0.3758



Tritanopia

61.3610, 0.3237, 0.3125

Trichromacy



Original Color

61.4697, 0.3628, 0.3915

Protanomaly

61.1453, 0.3639, 0.3903

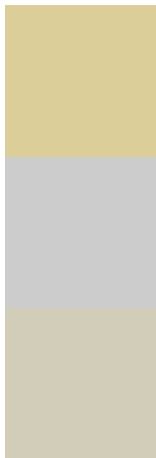
Deuteranomaly

61.1009, 0.3767, 0.3814

Tritanomaly

61.2229, 0.3376, 0.3404

Monochromacy



Original Color

61.4697, 0.3628, 0.3915

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7207, 0.3303, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4697, 0.3628, 0.3915 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, 206, 152)` looks like.

```
.text, #text, p{  
    color:rgb(219, 206, 152)  
}
```

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, 206, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 206, 152) }
```

Border

The CSS property to change the border of an element to Yxy 61.4697, 0.3628, 0.3915 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, 206, 152) }
```

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

```
.border{ border-color:rgb(219, 206, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 206, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 206, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 206, 152);  
box-shadow:4px 4px 4px 4px rgb(219, 206,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4697, 0.3628, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 206, 152) }
```

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

```
.background{ background-color: rgb(219,  
206, 152) }
```

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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