

Converting Colors

Yxy(63.4718, 0.3624, 0.3953)

Have a look what the booklet for
Yxy(63.4718, 0.3624, 0.3953)
contains.

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Color

Yxy(63.5758, 0.3623, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	DCD298
RGB	220, 210, 152
RGB Percent	86%, 82%, 60%
CMY	0.1373, 0.1764, 0.4039
CMYK	0.00, 0.05, 0.31, 0.14
HSL	51°, 49%, 73%
HSV	51°, 31%, 86%
XYZ	58.2242, 63.5758, 38.9072
YIQ	206.3780, 24.5780, -15.9180

Conversions

Conversions Part 2

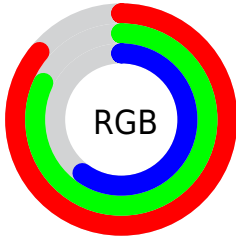
Format	Color
RYB	164, 220, 152
Decimal	14471832
CIELab	83.74, -5.29, 30.05
CIELCh	84, 30.512, 99.982
Yxy	63.5758, 0.3623, 0.3956
Android (android.graphics.Color)	4292661912 (0xFFDCD298)
YUV	206.3780, -26.8084, 11.9465
Hunter-Lab	79.7344, -9.1897, 26.8829

Details

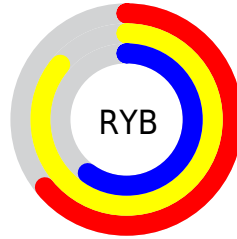
The Yxy color **63.5758, 0.3623, 0.3956** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6700, 0.2596, 0.2522**, and the grayscale version is **62.1395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **32.5895, 0.3740, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **61.3469, 0.3792, 0.4169**, and if you desaturate by 10%, it is **65.9763, 0.3455, 0.3737**.

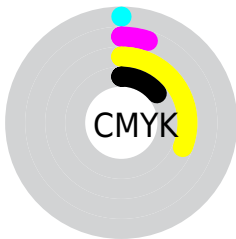
Distribution



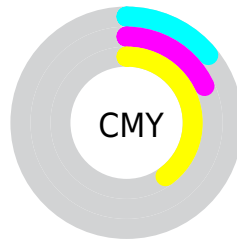
- Red (86%)
- Green (82%)
- Blue (60%)



- Red (64%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (14%)





- Cyan (14%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5758, 0.3623, 0.3956 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 63.5758, 0.3623, 0.3956 by changing the saturation by 10% instead.


 63.5758, 0.3623,
0.3956


 63.5758, 0.3623,
0.3956

437.6562, 0.3393,
0.3639

 46.3072, 0.3675,
0.4030


 109.9998, 0.3543,
0.3845

 32.4883, 0.3738,
0.4121


 139.9240, 0.3512,
0.3802

 21.7347, 0.3817,
0.4236


174.8354, 0.3485,
0.3765

 13.6621, 0.3917,
0.4386

215.1186, 0.3462,
0.3733

 7.8860, 0.4045,
0.4586

261.1579, 0.3441,
0.3706

 4.0221, 0.4211,
0.4868

313.3376, 0.3423,

 1.6859, 0.4558,

0.3681

0.5442

372.0423, 0.3407,
0.3659

0.4145, 0.3899,
0.6101

0.0000, 0.0000,
0.0000

63.5758, 0.3623,
0.3956

63.5758, 0.3623,
0.3956

61.3469, 0.3792,
0.4169

65.9763, 0.3455,
0.3737

59.2732, 0.3955,
0.4365

68.5467, 0.3294,
0.3519

57.3494, 0.4107,
0.4537

71.2964, 0.3140,
0.3309

55.5663, 0.4241,
0.4673

74.2316, 0.2998,
0.3108

■ 53.9132, 0.4349,
0.4766

■ 76.8998, 0.2908,
0.2990

■ 52.3776, 0.4429,
0.4814

■ 78.6717, 0.2909,
0.3024

■ 51.0630, 0.4481,
0.4824

■ 80.4767, 0.2910,
0.3058

■ 82.3152, 0.2911,
0.3092

■ 84.1871, 0.2912,
0.3126

Harmonies

Analogous

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



63.5758, 0.3852, 0.3771



63.5758, 0.3623, 0.3956



63.5758, 0.3268, 0.3955

Triad

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



63.5758, 0.3623, 0.3956



63.5758, 0.2429, 0.3022



63.5758, 0.3341, 0.2896

Complementary

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



63.5758, 0.3623, 0.3956



37.6700, 0.2596, 0.2522

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.



63.5758, 0.2950, 0.2716



63.5758, 0.3623, 0.3956



63.5758, 0.2444, 0.2769

Square

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



63.5758, 0.3623, 0.3956



63.5758, 0.2586, 0.3382



63.5758, 0.2628, 0.2666



63.5758, 0.3689, 0.3169

Rectangle

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



63.5758, 0.3623, 0.3956



63.5758, 0.3011, 0.3832



63.5758, 0.2628, 0.2666



63.5758, 0.3209, 0.2823

Sweetspot

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



63.5787, 0.3623, 0.3956



96.4811, 0.3265, 0.3480



40.2842, 0.3719, 0.3169



20.5334, 0.3288, 0.3512



0.0000, 0.0000, 0.0000



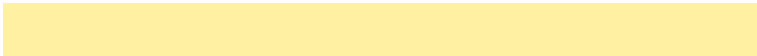
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.5787, 0.3623, 0.3956



86.8310, 0.3731, 0.4093



65.2028, 0.3407, 0.4108



14.9215, 0.3270, 0.3488



30.1031, 0.4476, 0.4828



2.0408, 0.4423, 0.4870

Inverse Universe

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



37.6700, 0.2596, 0.2522



45.2194, 0.2470, 0.2332



36.8283, 0.2774, 0.2432



12.9237, 0.2981, 0.3084



3.7460, 0.1535, 0.0724



0.3425, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 63.5758, 0.3623, 0.3956 looks on a white background.

Color Contrast Check

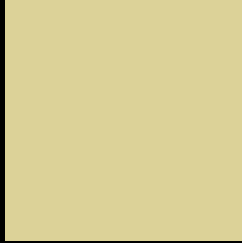
Large Text (above 18pt) WCAG AA × Fail

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 63.5758, 0.3623, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

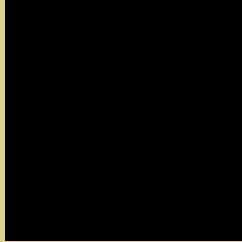
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

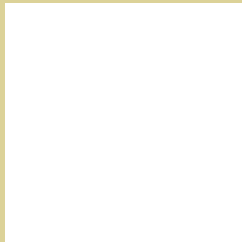
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5758, 0.3623, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 63.5758, 0.3623, 0.3956.



This preview shows how white text looks on a background with the Yxy color 63.5758, 0.3623, 0.3956.

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

63.5758, 0.3623, 0.3956

Protanopia

63.6826, 0.3666, 0.3949

Deuteranopia

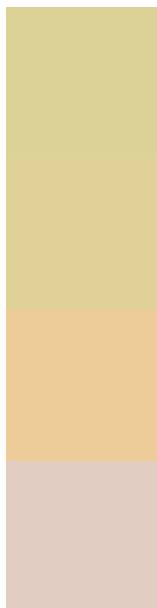
63.4158, 0.3868, 0.3783



Tritanopia

63.7448, 0.3220, 0.3127

Trichromacy



Original Color

63.5758, 0.3623, 0.3956

Protanomaly

63.5233, 0.3658, 0.3951

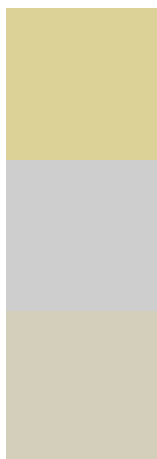
Deuteranomaly

63.4902, 0.3777, 0.3851

Tritanomaly

63.5205, 0.3371, 0.3425

Monochromacy



Original Color

63.5758, 0.3623, 0.3956

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0197, 0.3309, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5758, 0.3623, 0.3956 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(220, 210, 152)` looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 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(220, 210, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 152) }
```

Border

The CSS property to change the border of an element to Yxy 63.5758, 0.3623, 0.3956 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(220, 210, 152) }
```

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

```
.border{ border-color:rgb(220, 210, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 152);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5758, 0.3623, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 152) }
```

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

```
.background{ background-color: rgb(220,  
210, 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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