

Converting Colors

Yxy(64.0600, 0.3557, 0.3902)

Have a look what the booklet for
Yxy(64.0600, 0.3557, 0.3902)
contains.

Yxy(63.9626, 0.3561, 0.3901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.9626, 0.3561, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	DAD39E
RGB	218, 211, 158
RGB Percent	85%, 83%, 62%
CMY	0.1449, 0.1726, 0.3804
CMYK	0.00, 0.03, 0.28, 0.14
HSL	53°, 45%, 74%
HSV	53°, 28%, 86%
XYZ	58.3878, 63.9626, 41.6142
YIQ	207.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

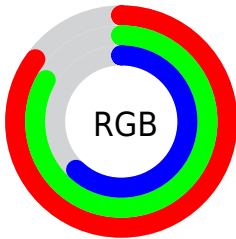
Format	Color
R_{YB}	166, 218, 158
Decimal	14341022
CIE _{Lab}	83.95, -5.76, 27.18
CIE _{LCh}	84, 27.784, 101.968
Yxy	63.9626, 0.3561, 0.3901
Android (android.graphics.Color)	4292531102 (0xFFDAD39E)
YUV	207.0510, -24.1821, 9.6023
Hunter-Lab	79.9766, -9.6432, 25.1333

Details

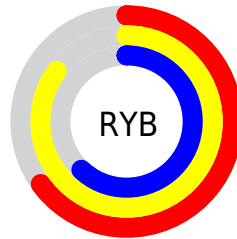
The Yxy color **63.9626, 0.3561, 0.3901** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2589, 0.2659, 0.2595**, and the grayscale version is **62.5845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **32.8359, 0.3658, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **62.0187, 0.3725, 0.4122**, and if you desaturate by 10%, it is **66.0657, 0.3398, 0.3675**.

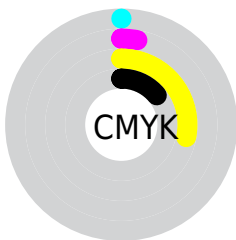
Distribution



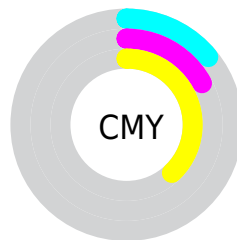
- Red (85%)
- Green (83%)
- Blue (62%)



- Red (65%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (28%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9626, 0.3561, 0.3901 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 63.9626, 0.3561, 0.3901 by changing the saturation by 10% instead.

63.9626, 0.3561,
0.3901

63.9626, 0.3561,
0.3901

439.0546, 0.3359,
0.3610

46.6204, 0.3607,
0.3969

110.5571, 0.3491,
0.3799

32.7357, 0.3663,
0.4054

140.5781, 0.3464,
0.3759

21.9240, 0.3733,
0.4161

175.5942, 0.3440,
0.3725

13.8011, 0.3822,
0.4303

215.9898, 0.3420,
0.3696

7.9824, 0.3938,
0.4494

262.1492, 0.3402,
0.3671

4.0837, 0.4087,
0.4762

314.4569, 0.3386,

1.7205, 0.4532,

0.3648

0.5468

373.2972, 0.3372,
0.3628

0.4369, 0.3859,
0.6141

0.0000, 0.0000,
0.0000

63.9626, 0.3561,
0.3901

63.9626, 0.3561,
0.3901

62.0187, 0.3725,
0.4122

66.0657, 0.3398,
0.3675

60.2182, 0.3885,
0.4330

68.3260, 0.3240,
0.3453

58.5563, 0.4034,
0.4516

70.7526, 0.3091,
0.3238

57.0243, 0.4166,
0.4668

73.3513, 0.2953,
0.3035

■ 55.6124, 0.4273,
0.4780

■ 75.3291, 0.2895,
0.2964

■ 54.3092, 0.4354,
0.4847

■ 76.7133, 0.2896,
0.2991

■ 53.0992, 0.4407,
0.4871

■ 78.1182, 0.2897,
0.3018

■ 52.8093, 0.4418,
0.4874

■ 79.5440, 0.2897,
0.3045

■ 80.9908, 0.2898,
0.3072

Harmonies

Analogous

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



63.9626, 0.3778, 0.3746



63.9626, 0.3561, 0.3901



63.9626, 0.3234, 0.3883

Triad

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



63.9626, 0.3561, 0.3901



63.9626, 0.2485, 0.3030



63.9626, 0.3346, 0.2944

Complementary

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



63.9626, 0.3561, 0.3901



39.2589, 0.2659, 0.2595

Split Complementary

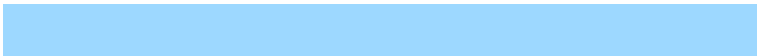
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.9626, 0.2990, 0.2772



63.9626, 0.3561, 0.3901



63.9626, 0.2510, 0.2805

Square

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



63.9626, 0.3561, 0.3901



63.9626, 0.2620, 0.3352



63.9626, 0.2689, 0.2718



63.9626, 0.3654, 0.3200

Rectangle

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



63.9626, 0.3561, 0.3901



63.9626, 0.3001, 0.3764



63.9626, 0.2689, 0.2718



63.9626, 0.3227, 0.2875

Sweetspot

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



63.9655, 0.3561, 0.3901



97.2370, 0.3249, 0.3464



42.1176, 0.3644, 0.3195



20.7052, 0.3272, 0.3498



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.



63.9655, 0.3561, 0.3901



89.5745, 0.3656, 0.4029



64.3712, 0.3370, 0.4015



14.9893, 0.3270, 0.3495



31.7287, 0.4415, 0.4877



2.1309, 0.4374, 0.4909

Inverse Universe

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



39.2589, 0.2659, 0.2595



48.7974, 0.2546, 0.2423



39.2216, 0.2828, 0.2538



12.8621, 0.2981, 0.3077



3.5454, 0.1525, 0.0690



0.3134, 0.1584, 0.0903

Previews

White Background



This preview shows how the Yxy color 63.9626, 0.3561, 0.3901 looks on a white background.

Color Contrast Check

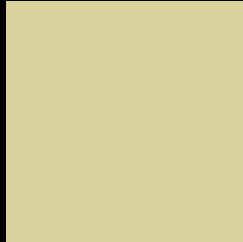
Large Text (above 18pt) WCAG AA × Fail

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 63.9626, 0.3561, 0.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

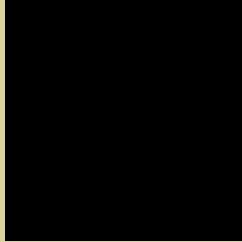
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

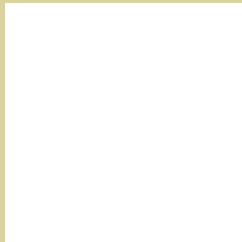
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9626, 0.3561, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 63.9626, 0.3561, 0.3901.



This preview shows how white text looks on a background with the Yxy color 63.9626, 0.3561, 0.3901.

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

63.9626, 0.3561, 0.3901

Protanopia

63.8825, 0.3623, 0.3881

Deuteranopia

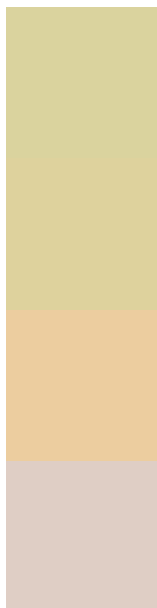
63.9042, 0.3808, 0.3731



Tritanopia

63.9951, 0.3189, 0.3115

Trichromacy



Original Color

63.9626, 0.3561, 0.3901

Protanomaly

64.0571, 0.3603, 0.3895

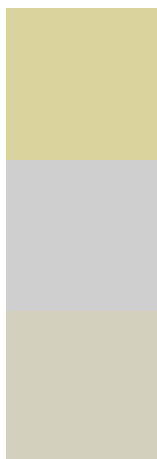
Deuteranomaly

63.9987, 0.3719, 0.3797

Tritanomaly

63.8618, 0.3324, 0.3392

Monochromacy



Original Color

63.9626, 0.3561, 0.3901

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6348, 0.3285, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9626, 0.3561, 0.3901 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, 211, 158)` looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 158)  
}
```

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, 211, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 158) }
```

Border

The CSS property to change the border of an element to Yxy 63.9626, 0.3561, 0.3901 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, 211, 158) }
```

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

```
.border{ border-color:rgb(218, 211, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 211, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 211, 158);  
box-shadow:4px 4px 4px 4px rgb(218, 211,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9626, 0.3561, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 158) }
```

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

```
.background{ background-color: rgb(218,  
211, 158) }
```

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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