

Converting Colors

$Yxy(61.6152, 0.3572, 0.3931)$

Have a look what the booklet for
Yxy(61.6152, 0.3572, 0.3931)
contains.

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Color

Yxy(61.7078, 0.3573, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	D6D099
RGB	214, 208, 153
RGB Percent	84%, 82%, 60%
CMY	0.1607, 0.1843, 0.3999
CMYK	0.00, 0.03, 0.29, 0.16
HSL	54°, 43%, 72%
HSV	54°, 29%, 84%
XYZ	56.0452, 61.7078, 39.1046
YIQ	203.5240, 21.2310, -15.8330

Conversions

Conversions Part 2

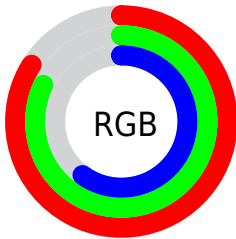
Format	Color
R _{YB}	160, 214, 153
Decimal	14078105
CIE Lab	82.76, -6.40, 28.11
CIE LCh	83, 28.829, 102.828
Yxy	61.7078, 0.3573, 0.3934
Android (android.graphics.Color)	4292268185 (0xFFD6D099)
YUV	203.5240, -24.9083, 9.1875
Hunter-Lab	78.5543, -10.1177, 25.4732

Details

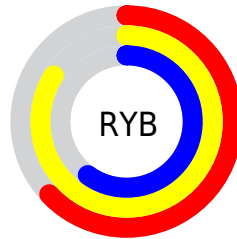
The Yxy color **61.7078, 0.3573, 0.3934** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4490, 0.2639, 0.2552**, and the grayscale version is **60.2225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **31.4217, 0.3686, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **60.0398, 0.3734, 0.4158**, and if you desaturate by 10%, it is **63.5220, 0.3412, 0.3705**.

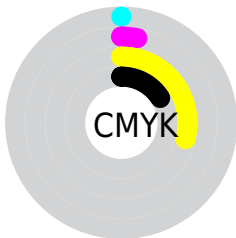
Distribution



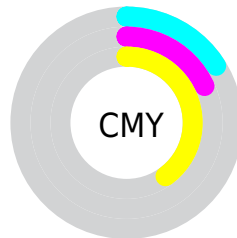
- Red (84%)
- Green (82%)
- Blue (60%)



- Red (63%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7078, 0.3573, 0.3934 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 61.7078, 0.3573, 0.3934 by changing the saturation by 10% instead.


 61.7078, 0.3573,
0.3934

 61.7078, 0.3573,
0.3934


430.8644, 0.3365,
0.3625

 44.7966, 0.3620,
0.4007

 107.3031, 0.3501,
0.3825

 31.2973, 0.3678,
0.4097


 136.7560, 0.3473,
0.3783

 20.8253, 0.3750,
0.4213


171.1584, 0.3448,
0.3747

 12.9964, 0.3842,
0.4365

210.8944, 0.3427,
0.3716

 7.4261, 0.3960,
0.4572

256.3487, 0.3409,
0.3689

 3.7299, 0.4116,
0.4869

307.9055, 0.3393,

 1.5237, 0.4477,

0.3665

0.5523

365.9493, 0.3378,
0.3644

0.3053, 0.3049,
0.6951

0.0000, 0.0000,
0.0000

61.7078, 0.3573,
0.3934

61.7078, 0.3573,
0.3934

60.0398, 0.3734,
0.4158

63.5220, 0.3412,
0.3705

58.5029, 0.3889,
0.4367


65.4803, 0.3255,
0.3477

57.0923, 0.4032,
0.4552


67.5916, 0.3105,
0.3258


55.7997, 0.4156,
0.4703


69.8613, 0.2966,
0.3050


 54.6158, 0.4255,
0.4812

 71.9657, 0.2866,
0.2905

 53.5295, 0.4327,
0.4877


 73.0748, 0.2867,
0.2928

 52.5240, 0.4374,
0.4902

 74.1980, 0.2868,
0.2951

 52.3767, 0.4380,
0.4904

 75.3354, 0.2869,
0.2974

 76.4870, 0.2870,
0.2996

Harmonies

Analogous

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



61.7078, 0.3806, 0.3774



61.7078, 0.3573, 0.3934



61.7078, 0.3227, 0.3911

Triad

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



61.7078, 0.3573, 0.3934



61.7078, 0.2453, 0.3007



61.7078, 0.3367, 0.2935

Complementary

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



61.7078, 0.3573, 0.3934



36.4490, 0.2639, 0.2552

Split Complementary

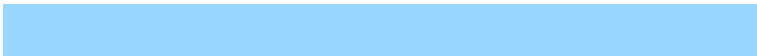
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.7078, 0.2993, 0.2751



61.7078, 0.3573, 0.3934



61.7078, 0.2484, 0.2776

Square

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



61.7078, 0.3573, 0.3934



61.7078, 0.2589, 0.3344



61.7078, 0.2675, 0.2691



61.7078, 0.3688, 0.3203

Rectangle

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



61.7078, 0.3573, 0.3934



61.7078, 0.2983, 0.3782



61.7078, 0.2675, 0.2691



61.7078, 0.3242, 0.2862

Sweetspot

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



61.7106, 0.3573, 0.3934



97.1689, 0.3264, 0.3491



39.5995, 0.3688, 0.3217



20.7040, 0.3286, 0.3524



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.



61.7106, 0.3573, 0.3934



90.2673, 0.3667, 0.4066



61.3084, 0.3362, 0.4045



14.3001, 0.3269, 0.3498



31.7350, 0.4377, 0.4907



1.9763, 0.4341, 0.4935

Inverse Universe

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



36.4490, 0.2639, 0.2552



46.9736, 0.2524, 0.2373



37.0452, 0.2834, 0.2513



12.2044, 0.2981, 0.3073



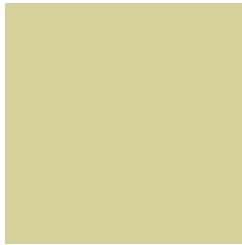
3.3324, 0.1520, 0.0672



0.2701, 0.1575, 0.0870

Previews

White Background



This preview shows how the Yxy color 61.7078, 0.3573, 0.3934 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 61.7078, 0.3573, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

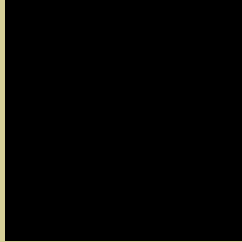
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7078, 0.3573, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 61.7078, 0.3573, 0.3934.



This preview shows how white text looks on a background with the Yxy color 61.7078, 0.3573, 0.3934.

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

61.7078, 0.3573, 0.3934

Protanopia

61.7818, 0.3644, 0.3912

Deuteranopia

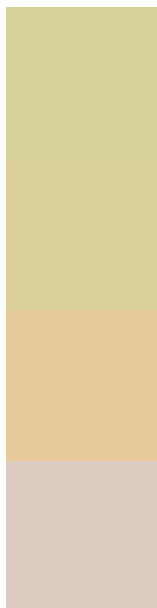
61.3537, 0.3838, 0.3747



Tritanopia

61.7444, 0.3189, 0.3124

Trichromacy



Original Color

61.7078, 0.3573, 0.3934

Protanomaly

61.7981, 0.3616, 0.3928

Deuteranomaly

61.2622, 0.3738, 0.3817

Tritanomaly

61.5777, 0.3333, 0.3416

Monochromacy



Original Color

61.7078, 0.3573, 0.3934

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5753, 0.3295, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7078, 0.3573, 0.3934 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(214, 208, 153)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 153)  
}
```

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(214, 208, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 153) }
```

Border

The CSS property to change the border of an element to Yxy 61.7078, 0.3573, 0.3934 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(214, 208, 153) }
```

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

```
.border{ border-color:rgb(214, 208, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 153);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7078, 0.3573, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 153) }
```

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

```
.background{ background-color: rgb(214,  
208, 153) }
```

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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