

Converting Colors

$Yxy(62.3896, 0.3657, 0.3932)$

Have a look what the booklet for
Yxy(62.3896, 0.3657, 0.3932)
contains.

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Color

Yxy(62.3896, 0.3657, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	DECF97
RGB	222, 207, 151
RGB Percent	87%, 81%, 59%
CMY	0.1293, 0.1882, 0.4079
CMYK	0.00, 0.07, 0.32, 0.13
HSL	47°, 52%, 73%
HSV	47°, 32%, 87%
XYZ	58.0261, 62.3896, 38.2557
YIQ	205.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

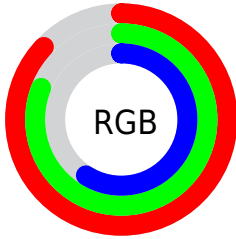
Format	Color
RYB	170, 222, 151
Decimal	14602135
CIELab	83.12, -3.08, 29.77
CIElCh	83, 29.929, 95.907
Yxy	62.3896, 0.3657, 0.3932
Android (android.graphics.Color)	4292792215 (0xFFDECF97)
YUV	205.1010, -26.6718, 14.8204
Hunter-Lab	78.9871, -7.0963, 26.5751

Details

The Yxy color **62.3896, 0.3657, 0.3932** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1270, 0.2582, 0.2552**, and the grayscale version is **61.2803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **31.8096, 0.3778, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **59.4969, 0.3837, 0.4131**, and if you desaturate by 10%, it is **65.4914, 0.3481, 0.3727**.

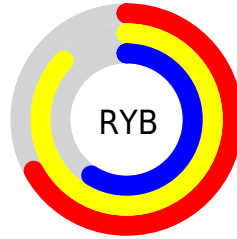
Distribution



Red (87%)

Green (81%)

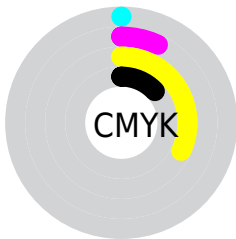
Blue (59%)



Red (67%)

Yellow (87%)

Blue (59%)

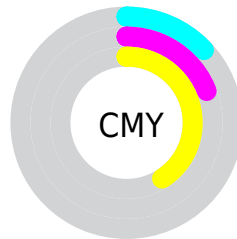


Cyan (0%)

Magenta (7%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (19%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3896, 0.3657, 0.3932 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 62.3896, 0.3657, 0.3932 by changing the saturation by 10% instead.


 62.3896, 0.3657,
0.3932


 62.3896, 0.3657,
0.3932


433.3508, 0.3409,
0.3627

 45.3476, 0.3713,
0.4002


 108.2884, 0.3571,
0.3825

 31.7313, 0.3783,
0.4090


 137.9140, 0.3537,
0.3784

 21.1563, 0.3869,
0.4200

172.5029, 0.3508,
0.3749

 13.2383, 0.3980,
0.4343

212.4395, 0.3483,
0.3718

 7.5929, 0.4122,
0.4532

258.1082, 0.3461,
0.3691

 3.8356, 0.4317,
0.4800

309.8934, 0.3442,

 1.5820, 0.4687,

0.3667

0.5313

368.1794, 0.3424,
0.3646

■ 0.3454, 0.4229,
0.5771

■ 0.0000, 0.0000,
0.0000

■ 62.3896, 0.3657,
0.3932

■ 62.3896, 0.3657,
0.3932

■ 59.4969, 0.3837,
0.4131

■ 65.4914, 0.3481,
0.3727

■ 56.7966, 0.4016,
0.4315

■ 68.8015, 0.3313,
0.3524

■ 54.2826, 0.4186,
0.4473

■ 72.3298, 0.3157,
0.3328

■ 51.9448, 0.4339,
0.4597

■ 76.0830, 0.3013,
0.3142

■ 49.7718, 0.4468,
0.4676

■ 79.6086, 0.2922,
0.3037

■ 47.7502, 0.4568,
0.4709

■ 82.2636, 0.2924,
0.3086

■ 46.2230, 0.4630,
0.4706

■ 84.9897, 0.2925,
0.3135

■ 87.7872, 0.2926,
0.3183

■ 90.6567, 0.2927,
0.3231

Harmonies

Analogous

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



62.3896, 0.3860, 0.3731



62.3896, 0.3657, 0.3932



62.3896, 0.3318, 0.3959

Triad

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



62.3896, 0.3657, 0.3932



62.3896, 0.2449, 0.3070



62.3896, 0.3286, 0.2870

Complementary

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



62.3896, 0.3657, 0.3932



39.1270, 0.2582, 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.



62.3896, 0.2904, 0.2707



62.3896, 0.3657, 0.3932



62.3896, 0.2440, 0.2801

Square

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



62.3896, 0.3657, 0.3932



62.3896, 0.2626, 0.3432



62.3896, 0.2601, 0.2678



62.3896, 0.3642, 0.3131

Rectangle

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



62.3896, 0.3657, 0.3932



62.3896, 0.3064, 0.3856



62.3896, 0.2601, 0.2678



62.3896, 0.3155, 0.2803

Sweetspot

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



62.3924, 0.3657, 0.3932



95.0734, 0.3282, 0.3486



40.4284, 0.3699, 0.3108



20.2067, 0.3305, 0.3514



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.



62.3924, 0.3657, 0.3932



82.8702, 0.3770, 0.4058



67.0280, 0.3452, 0.4129



15.5118, 0.3272, 0.3474



27.6171, 0.4622, 0.4712



2.0388, 0.4543, 0.4775

Inverse Universe

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



39.1270, 0.2582, 0.2552



46.5742, 0.2462, 0.2378



36.0744, 0.2719, 0.2388



13.7106, 0.2981, 0.3099



4.4682, 0.1562, 0.0821



0.4395, 0.1640, 0.1102

Previews

White Background



This preview shows how the Yxy color 62.3896, 0.3657, 0.3932 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 62.3896, 0.3657, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

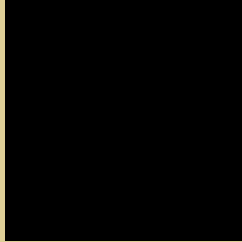
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

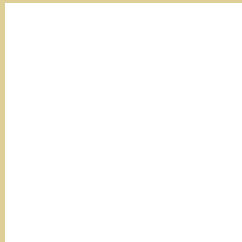
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3896, 0.3657, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 62.3896, 0.3657, 0.3932.

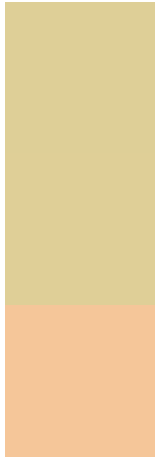


This preview shows how white text looks on a background with the Yxy color 62.3896, 0.3657, 0.3932.

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

62.3896, 0.3657, 0.3932

Protanopia

62.5480, 0.3665, 0.3930

Deuteranopia

62.1006, 0.3867, 0.3776



Tritanopia

62.3599, 0.3252, 0.3126

Trichromacy



Original Color

62.3896, 0.3657, 0.3932

Protanomaly

62.5480, 0.3665, 0.3930

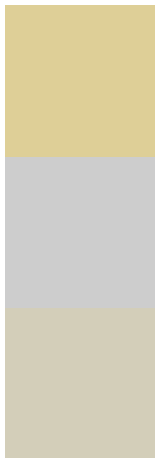
Deuteranomaly

62.0448, 0.3796, 0.3831

Tritanomaly

62.1714, 0.3399, 0.3414

Monochromacy



Original Color

62.3896, 0.3657, 0.3932

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4943, 0.3317, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3896, 0.3657, 0.3932 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(222, 207, 151)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 151)  
}
```

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(222, 207, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 151) }
```

Border

The CSS property to change the border of an element to Yxy 62.3896, 0.3657, 0.3932 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(222, 207, 151) }
```

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

```
.border{ border-color:rgb(222, 207, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 207, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 207, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 207, 151); box-shadow:4px 4px 4px 4px rgb(222, 207, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3896, 0.3657, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 151) }
```

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

```
.background{ background-color: rgb(222,  
207, 151) }
```

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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