

Converting Colors

Yxy(55.9928, 0.3792, 0.3983)

Have a look what the booklet for
Yxy(55.9928, 0.3792, 0.3983)
contains.

Yxy(55.8679, 0.3790, 0.3982)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.8679, 0.3790, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	DBC388
RGB	219, 195, 136
RGB Percent	86%, 76%, 53%
CMY	0.1411, 0.2353, 0.4668
CMYK	0.00, 0.11, 0.38, 0.14
HSL	43°, 54%, 70%
HSV	43°, 38%, 86%
XYZ	53.1741, 55.8679, 31.2591
YIQ	195.4500, 33.2430, -13.2610

Conversions

Conversions Part 2

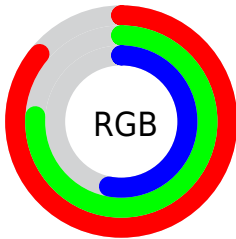
Format	Color
RYB	170, 219, 136
Decimal	14402440
CIELab	79.54, 0.19, 32.78
CIELCh	80, 32.785, 89.669
Yxy	55.8679, 0.3790, 0.3982
Android (android.graphics.Color)	4292592520 (0xFFDBC388)
YUV	195.4500, -29.3088, 20.6534
Hunter-Lab	74.7448, -3.8170, 27.5257

Details

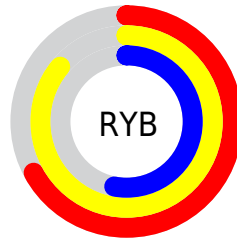
The Yxy color **55.8679, 0.3790, 0.3982** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4805, 0.2483, 0.2481**, and the grayscale version is **55.0199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9721, 0.3523, 0.3893**, and **27.7884, 0.3956, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **52.5322, 0.3988, 0.4158**, and if you desaturate by 10%, it is **59.4564, 0.3598, 0.3797**.

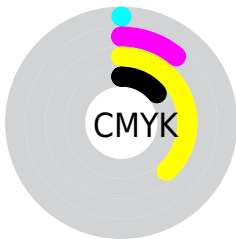
Distribution



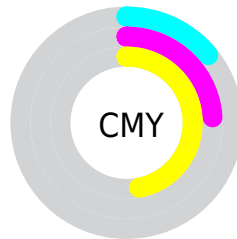
- Red (86%)
- Green (76%)
- Blue (53%)



- Red (67%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (14%)




- Cyan (14%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8679, 0.3790, 0.3982 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 55.8679, 0.3790, 0.3982 by changing the saturation by 10% instead.

 55.8679, 0.3790,
0.3982

 55.8679, 0.3790,
0.3982


409.1935, 0.3473,
0.3652


 40.0970, 0.3863,
0.4058


 98.8114, 0.3679,
0.3866

 27.6142, 0.3954,
0.4152


 126.7528, 0.3636,
0.3822

 18.0350, 0.4067,
0.4270


 159.5199, 0.3599,
0.3783

 10.9751, 0.4211,
0.4420

197.4970, 0.3567,
0.3750

 6.0501, 0.4396,
0.4612

241.0685, 0.3539,
0.3721

 2.8756, 0.4828,
0.5061

290.6188, 0.3515,

 1.0671, 0.4886,

0.3695

0.5114

346.5323, 0.3493,
0.3672

■ 0.0000, 0.0000,
0.0000

■ 55.8679, 0.3790,
0.3982

■ 55.8679, 0.3790,
0.3982

■ 52.5322, 0.3988,
0.4158

■ 59.4564, 0.3598,
0.3797

■ 49.4322, 0.4186,
0.4315

■ 63.2985, 0.3417,
0.3610

■ 46.5603, 0.4375,
0.4442


■ 67.4048, 0.3249,
0.3428

■ 43.9053, 0.4545,
0.4528


■ 71.7830, 0.3097,
0.3255


■ 41.4540, 0.4689,
0.4566

■ 76.4401, 0.2959,
0.3092

 39.1884, 0.4802,
0.4556

 80.5602, 0.2904,
0.3062

 38.7353, 0.4824,
0.4552

 84.2104, 0.2906,
0.3128

 87.9907, 0.2908,
0.3194

 91.9022, 0.2911,
0.3259

Harmonies

Analogous

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



55.8679, 0.3979, 0.3720



55.8679, 0.3790, 0.3982



55.8679, 0.3427, 0.4068

Triad

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



55.8679, 0.3790, 0.3982



55.8679, 0.2388, 0.3115



55.8679, 0.3213, 0.2769

Complementary

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



55.8679, 0.3790, 0.3982



35.4805, 0.2483, 0.2481

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.



55.8679, 0.2791, 0.2615



55.8679, 0.3790, 0.3982



55.8679, 0.2339, 0.2784

Square

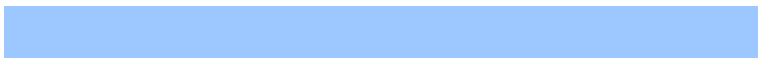
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.8679, 0.3790, 0.3982



55.8679, 0.2622, 0.3538



55.8679, 0.2481, 0.2614



55.8679, 0.3637, 0.3041

Rectangle

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



55.8679, 0.3790, 0.3982



55.8679, 0.3141, 0.3988



55.8679, 0.2481, 0.2614



55.8679, 0.3065, 0.2702

Sweetspot

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



55.8705, 0.3790, 0.3982



93.2572, 0.3301, 0.3485



35.2296, 0.3773, 0.2991



19.7900, 0.3324, 0.3510



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.



55.8705, 0.3790, 0.3982



74.8430, 0.3958, 0.4132



65.0619, 0.3562, 0.4272



14.5946, 0.3274, 0.3455



23.1608, 0.4812, 0.4561



1.6457, 0.4688, 0.4660

Inverse Universe

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



35.4805, 0.2483, 0.2481



41.9572, 0.2326, 0.2261



29.4442, 0.2567, 0.2181



13.2275, 0.2981, 0.3119



5.3257, 0.1606, 0.0980



0.4913, 0.1696, 0.1305

Previews

White Background



This preview shows how the Yxy color 55.8679, 0.3790, 0.3982 looks on a white background.

Color Contrast Check

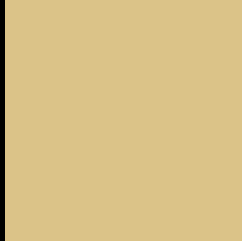
Large Text (above 18pt) WCAG AA × Fail

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 55.8679, 0.3790, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

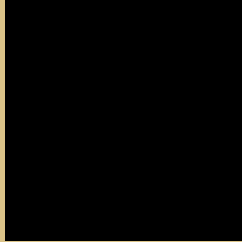
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8679, 0.3790, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 55.8679, 0.3790, 0.3982.



This preview shows how white text looks on a background with the Yxy color 55.8679, 0.3790, 0.3982.

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

55.8679, 0.3790, 0.3982

Protanopia

55.8848, 0.3721, 0.4005

Deuteranopia

55.8635, 0.3949, 0.3872



Tritanopia

55.9264, 0.3343, 0.3133

Trichromacy



Original Color

55.8679, 0.3790, 0.3982

Protanomaly

55.7331, 0.3743, 0.3990

Deuteranomaly

55.7258, 0.3887, 0.3906

Tritanomaly

55.6892, 0.3509, 0.3441

Monochromacy



Original Color

55.8679, 0.3790, 0.3982

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9236, 0.3361, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8679, 0.3790, 0.3982 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, 195, 136)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 136)  
}
```

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, 195, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 136) }
```

Border

The CSS property to change the border of an element to Yxy 55.8679, 0.3790, 0.3982 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, 195, 136) }
```

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

```
.border{ border-color:rgb(219, 195, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 136);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8679, 0.3790, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 136) }
```

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

```
.background{ background-color: rgb(219,  
195, 136) }
```

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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