

Converting Colors

Yxy(55.7816, 0.3527, 0.3625)

Have a look what the booklet for
Yxy(55.7816, 0.3527, 0.3625)
contains.

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Color

Yxy(55.7838, 0.3520, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	D7C2A6
RGB	215, 194, 166
RGB Percent	84%, 76%, 65%
CMY	0.1569, 0.2392, 0.3490
CMYK	0.00, 0.10, 0.23, 0.16
HSL	34°, 38%, 75%
HSV	34°, 23%, 84%
XYZ	54.1979, 55.7838, 43.9896
YIQ	197.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

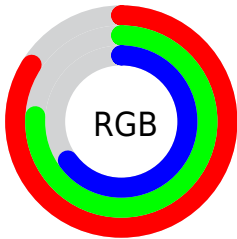
Format	Color
R_{YB}	203, 215, 166
Decimal	14140070
CIE Lab	79.49, 3.02, 16.79
CIE LCh	79, 17.057, 79.790
Yxy	55.7838, 0.3520, 0.3623
Android (android.graphics.Color)	4292330150 (0xFFD7C2A6)
YUV	197.0870, -15.3259, 15.7097
Hunter-Lab	74.6886, -1.1761, 17.3617

Details

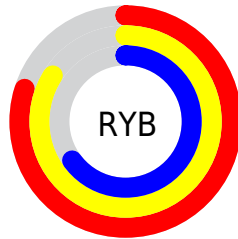
The Yxy color **55.7838, 0.3520, 0.3623** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.5513, 0.2764, 0.2933**, and the grayscale version is **55.9758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8517, 0.3334, 0.3574**, and **27.4447, 0.3629, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **51.0882, 0.3726, 0.3776**, and if you desaturate by 10%, it is **60.8704, 0.3335, 0.3473**.

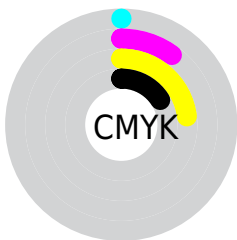
Distribution



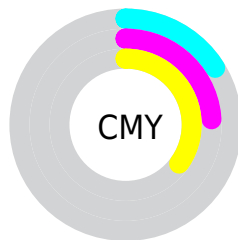
- Red (84%)
- Green (76%)
- Blue (65%)



- Red (80%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7838, 0.3520, 0.3623 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 55.7838, 0.3520, 0.3623 by changing the saturation by 10% instead.


 55.7838, 0.3520,
0.3623

 55.7838, 0.3520,
0.3623


408.8762, 0.3329,
0.3463

 40.0296, 0.3566,
0.3661

 98.6884, 0.3452,
0.3566

 27.5616, 0.3624,
0.3708


 126.6076, 0.3426,
0.3545

 17.9955, 0.3699,
0.3769


159.3506, 0.3404,
0.3526

 10.9467, 0.3800,
0.3850


197.3018, 0.3385,
0.3510

 6.0310, 0.3943,
0.3962

240.8455, 0.3368,
0.3496

 2.8640, 0.4158,
0.4125

290.3663, 0.3354,

 1.0611, 0.5077,

0.3484

0.4923

346.2484, 0.3341,
0.3473

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7838, 0.3520,
0.3623

55.7838, 0.3520,
0.3623

51.0882, 0.3726,
0.3776

60.8704, 0.3335,
0.3473

46.7651, 0.3950,
0.3927

66.3511, 0.3170,
0.3329

42.8050, 0.4189,
0.4066

72.2384, 0.3024,
0.3193

39.1954, 0.4434,
0.4182

78.5419, 0.2895,
0.3068

■ 35.9225, 0.4675,
0.4265

■ 84.0212, 0.2882,
0.3135

■ 32.9711, 0.4899,
0.4301

■ 89.5844, 0.2886,
0.3231

■ 30.3237, 0.5091,
0.4284

■ 93.1861, 0.2889,
0.3289

■ 28.5846, 0.5211,
0.4245

Harmonies

Analogous

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



55.7838, 0.3573, 0.3473



55.7838, 0.3520, 0.3623



55.7838, 0.3360, 0.3688

Triad

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



55.7838, 0.3520, 0.3623



55.7838, 0.2765, 0.3278



55.7838, 0.3101, 0.2971

Complementary

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



55.7838, 0.3520, 0.3623



48.5513, 0.2764, 0.2933

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.



55.7838, 0.2889, 0.2915



55.7838, 0.3520, 0.3623



55.7838, 0.2701, 0.3082

Square

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



55.7838, 0.3520, 0.3623



55.7838, 0.2924, 0.3486



55.7838, 0.2745, 0.2953



55.7838, 0.3326, 0.3104

Rectangle

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



55.7838, 0.3520, 0.3623



55.7838, 0.3217, 0.3669



55.7838, 0.2745, 0.2953



55.7838, 0.3025, 0.2943

Sweetspot

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



55.7863, 0.3520, 0.3623



94.1208, 0.3238, 0.3389



45.3188, 0.3395, 0.3038



20.0402, 0.3248, 0.3398



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.



55.7863, 0.3520, 0.3623



78.9351, 0.3610, 0.3692



65.3076, 0.3443, 0.3860



13.5874, 0.3277, 0.3423



17.3124, 0.5191, 0.4260



1.2070, 0.4973, 0.4433

Inverse Universe

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



48.5513, 0.2764, 0.2933



66.6083, 0.2689, 0.2852



40.6460, 0.2769, 0.2659



12.8748, 0.2982, 0.3153



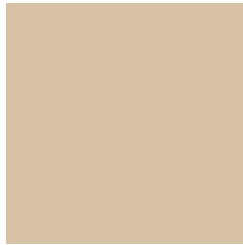
7.7250, 0.1711, 0.1358



0.6284, 0.1805, 0.1697

Previews

White Background



This preview shows how the Yxy color 55.7838, 0.3520, 0.3623 looks on a white background.

Color Contrast Check

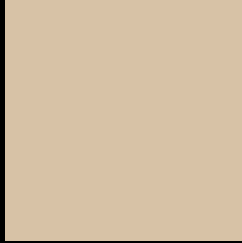
Large Text (above 18pt) WCAG AA × Fail

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 55.7838, 0.3520, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

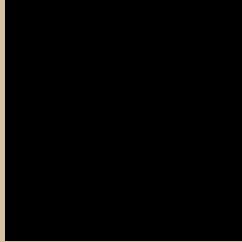
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7838, 0.3520, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 55.7838, 0.3520, 0.3623.



This preview shows how white text looks on a background with the Yxy color 55.7838, 0.3520, 0.3623.

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

55.7838, 0.3520, 0.3623

Protanopia

55.9879, 0.3437, 0.3653

Deuteranopia

55.9478, 0.3626, 0.3555



Tritanopia

55.9226, 0.3275, 0.3131

Trichromacy



Original Color

55.7838, 0.3520, 0.3623

Protanomaly

55.9715, 0.3465, 0.3639

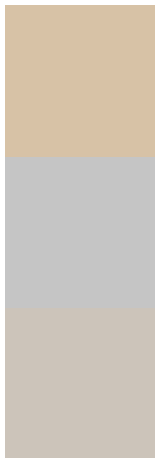
Deuteranomaly

55.7396, 0.3589, 0.3570

Tritanomaly

55.8847, 0.3359, 0.3302

Monochromacy



Original Color

55.7838, 0.3520, 0.3623

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8624, 0.3267, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7838, 0.3520, 0.3623 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(215, 194, 166)` looks like.

```
.text, #text, p{  
    color:rgb(215, 194, 166)  
}
```

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(215, 194, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 194, 166) }
```

Border

The CSS property to change the border of an element to Yxy 55.7838, 0.3520, 0.3623 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(215, 194, 166) }
```

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

```
.border{ border-color:rgb(215, 194, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 194, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 194, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 194, 166);  
box-shadow:4px 4px 4px 4px rgb(215, 194,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7838, 0.3520, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 194, 166) }
```

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

```
.background{ background-color: rgb(215,  
194, 166) }
```

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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