

Converting Colors

Yxy(56.9119, 0.3467, 0.3574)

Have a look what the booklet for
Yxy(56.9119, 0.3467, 0.3574)
contains.

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Color

Yxy(56.9055, 0.3468, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	D7C4AC
RGB	215, 196, 172
RGB Percent	84%, 77%, 67%
CMY	0.1567, 0.2314, 0.3255
CMYK	0.00, 0.09, 0.20, 0.16
HSL	33°, 35%, 76%
HSV	33°, 20%, 84%
XYZ	55.2178, 56.9055, 47.0975
YIQ	198.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

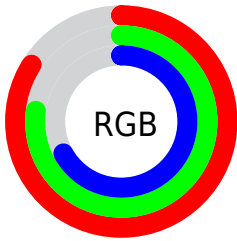
Format	Color
R _Y B	206, 215, 172
Decimal	14140588
CIE Lab	80.13, 2.87, 14.48
CIE LCh	80, 14.762, 78.798
Yxy	56.9055, 0.3468, 0.3574
Android (android.graphics.Color)	4292330668 (0xFFD7C4AC)
YUV	198.9450, -13.2839, 14.0802
Hunter-Lab	75.4357, -1.3534, 15.7879

Details

The Yxy color **56.9055, 0.3468, 0.3574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9538, 0.2811, 0.2989**, and the grayscale version is **57.1553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0566, 0.3294, 0.3543**, and **28.1757, 0.3557, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **51.9914, 0.3670, 0.3724**, and if you desaturate by 10%, it is **62.2306, 0.3287, 0.3429**.

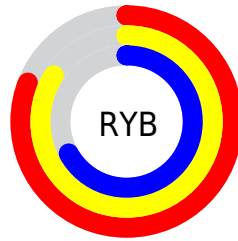
Distribution



Red (84%)

Green (77%)

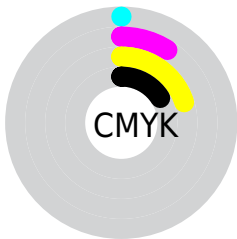
Blue (67%)



Red (81%)

Yellow (84%)

Blue (67%)

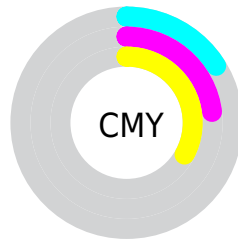


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (16%)



Cyan (16%)


Magenta (23%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9055, 0.3468, 0.3574 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 56.9055, 0.3468, 0.3574 by changing the saturation by 10% instead.


 56.9055, 0.3468,
0.3574

 56.9055, 0.3468,
0.3574

413.0951, 0.3303,
0.3438

 40.9294, 0.3508,
0.3606

 100.3273, 0.3409,
0.3526

 28.2639, 0.3558,
0.3646


128.5417, 0.3387,
0.3507

 18.5247, 0.3622,
0.3698


161.6044, 0.3368,
0.3492

 11.3273, 0.3710,
0.3768

199.8997, 0.3351,
0.3478

 6.2875, 0.3834,
0.3864

243.8121, 0.3337,
0.3466

 3.0207, 0.4022,
0.4006

293.7258, 0.3324,

 1.1425, 0.4644,

0.3456

0.4531

350.0254, 0.3313,
0.3446

0.0140, 0.8562,
0.1438

0.0000, 0.0000,
0.0000

56.9055, 0.3468,
0.3574

56.9055, 0.3468,
0.3574

51.9914, 0.3670,
0.3724

62.2306, 0.3287,
0.3429

47.4691, 0.3892,
0.3872

67.9697, 0.3127,
0.3290

43.3291, 0.4131,
0.4012

74.1359, 0.2987,
0.3161

39.5584, 0.4381,
0.4133

80.5441, 0.2880,
0.3071

■ 36.1433, 0.4631,
0.4223

■ 86.1084, 0.2884,
0.3171

■ 33.0682, 0.4867,
0.4270

■ 91.9679, 0.2888,
0.3270

■ 30.3159, 0.5076,
0.4265

■ 93.1927, 0.2889,
0.3289

■ 27.8639, 0.5252,
0.4212

Harmonies

Analogous

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



56.9055, 0.3510, 0.3444



56.9055, 0.3468, 0.3574



56.9055, 0.3334, 0.3631

Triad

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



56.9055, 0.3468, 0.3574



56.9055, 0.2818, 0.3286



56.9055, 0.3098, 0.3011

Complementary

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



56.9055, 0.3468, 0.3574



50.9538, 0.2811, 0.2989

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.



56.9055, 0.2917, 0.2966



56.9055, 0.3468, 0.3574



56.9055, 0.2759, 0.3117

Square

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



56.9055, 0.3468, 0.3574



56.9055, 0.2958, 0.3463



56.9055, 0.2795, 0.3002



56.9055, 0.3293, 0.3125

Rectangle

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



56.9055, 0.3468, 0.3574



56.9055, 0.3212, 0.3616



56.9055, 0.2795, 0.3002



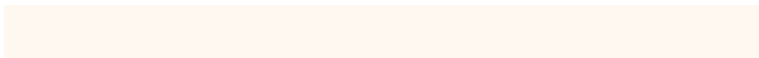
56.9055, 0.3034, 0.2988

Sweetspot

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



56.9081, 0.3468, 0.3574



94.8108, 0.3222, 0.3373



47.7315, 0.3350, 0.3061



20.1754, 0.3232, 0.3382



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.



56.9081, 0.3468, 0.3574



80.5924, 0.3550, 0.3637



65.7269, 0.3410, 0.3789



13.5578, 0.3277, 0.3420



16.8742, 0.5231, 0.4228



1.1816, 0.5004, 0.4409

Inverse Universe

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



50.9538, 0.2811, 0.2989



70.3090, 0.2741, 0.2916



43.4245, 0.2812, 0.2743



12.9039, 0.2982, 0.3157



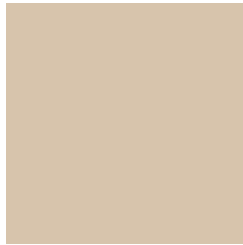
8.0458, 0.1723, 0.1401



0.6488, 0.1816, 0.1737

Previews

White Background



This preview shows how the Yxy color 56.9055, 0.3468, 0.3574 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 56.9055, 0.3468, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

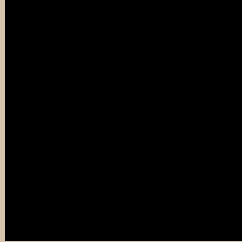
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9055, 0.3468, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 56.9055, 0.3468, 0.3574.



This preview shows how white text looks on a background with the Yxy color 56.9055, 0.3468, 0.3574.

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

56.9055, 0.3468, 0.3574

Protanopia

56.8152, 0.3397, 0.3591

Deuteranopia

56.6096, 0.3574, 0.3497



Tritanopia

56.7779, 0.3241, 0.3120

Trichromacy



Original Color

56.9055, 0.3468, 0.3574

Protanomaly

56.7985, 0.3424, 0.3577

Deuteranomaly

56.8450, 0.3535, 0.3522

Tritanomaly

56.9404, 0.3324, 0.3279

Monochromacy



Original Color

56.9055, 0.3468, 0.3574

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0414, 0.3250, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9055, 0.3468, 0.3574 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, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(215, 196, 172)  
}
```

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, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 196, 172) }
```

Border

The CSS property to change the border of an element to Yxy 56.9055, 0.3468, 0.3574 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, 196, 172) }
```

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

```
.border{ border-color:rgb(215, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 196, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 196, 172);  
box-shadow:4px 4px 4px 4px rgb(215, 196,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9055, 0.3468, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 196, 172) }
```

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

```
.background{ background-color: rgb(215,  
196, 172) }
```

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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