

Converting Colors

Yxy(56.9990, 0.3560, 0.3630)

Have a look what the booklet for
Yxy(56.9990, 0.3560, 0.3630)
contains.

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Color

Yxy(56.9990, 0.3560, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	DCC3A6
RGB	220, 195, 166
RGB Percent	86%, 76%, 65%
CMY	0.1375, 0.2352, 0.3491
CMYK	0.00, 0.11, 0.25, 0.14
HSL	32°, 43%, 76%
HSV	32°, 25%, 86%
XYZ	55.8998, 56.9990, 44.1232
YIQ	199.1690, 24.2090, -3.7190

Conversions

Conversions Part 2

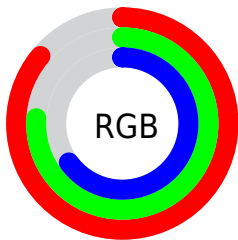
Format	Color
R _Y B	213, 220, 166
Decimal	14468006
CIE Lab	80.18, 4.35, 17.82
CIE LCh	80, 18.348, 76.280
Yxy	56.9990, 0.3560, 0.3630
Android (android.graphics.Color)	4292658086 (0xFFDCC3A6)
YUV	199.1690, -16.3523, 18.2688
Hunter-Lab	75.4977, 0.0437, 18.1975

Details

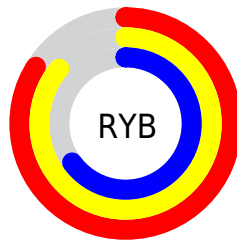
The Yxy color **56.9990, 0.3560, 0.3630** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.4896, 0.2736, 0.2924**, and the grayscale version is **57.3104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1013, 0.3331, 0.3593**, and **28.1572, 0.3671, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **51.8634, 0.3775, 0.3775**, and if you desaturate by 10%, it is **62.5875, 0.3368, 0.3487**.

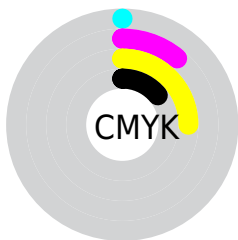
Distribution



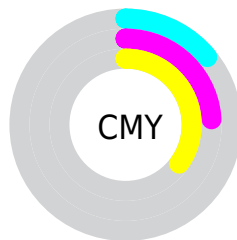
- Red (86%)
- Green (76%)
- Blue (65%)



- Red (84%)
- Yellow (86%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9990, 0.3560, 0.3630 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 56.9990, 0.3560, 0.3630 by changing the saturation by 10% instead.

 56.9990, 0.3560,
0.3630

 56.9990, 0.3560,
0.3630


413.4456, 0.3350,
0.3468

 41.0044, 0.3610,
0.3668


 100.4637, 0.3485,
0.3573

 28.3226, 0.3673,
0.3715


 128.7027, 0.3457,
0.3551

 18.5689, 0.3755,
0.3775


161.7919, 0.3433,
0.3532

 11.3592, 0.3865,
0.3855

200.1158, 0.3412,
0.3516

 6.3090, 0.4019,
0.3963

244.0587, 0.3393,
0.3502

 3.0339, 0.4250,
0.4117

294.0050, 0.3377,

 1.1494, 0.5157,

0.3489

0.4843

350.3392, 0.3363,
0.3478

0.0198, 0.8632,
0.1368

0.0000, 0.0000,
0.0000

56.9990, 0.3560,
0.3630

56.9990, 0.3560,
0.3630

51.8634, 0.3775,
0.3775

62.5875, 0.3368,
0.3487

47.1597, 0.4010,
0.3916

68.6336, 0.3197,
0.3350

42.8768, 0.4262,
0.4045

75.1518, 0.3048,
0.3221

38.9995, 0.4521,
0.4149

82.1534, 0.2917,
0.3101

■ 35.5117, 0.4776,
0.4217

■ 88.2252, 0.2914,
0.3196

■ 32.3954, 0.5012,
0.4237

■ 93.9474, 0.2917,
0.3289

■ 29.6300, 0.5213,
0.4201

■ 28.2520, 0.5311,
0.4165

Harmonies

Analogous

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



56.9990, 0.3602, 0.3462



56.9990, 0.3560, 0.3630



56.9990, 0.3400, 0.3713

Triad

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



56.9990, 0.3560, 0.3630



56.9990, 0.2756, 0.3303



56.9990, 0.3070, 0.2939

Complementary

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



56.9990, 0.3560, 0.3630



50.4896, 0.2736, 0.2924

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.



56.9990, 0.2850, 0.2890



56.9990, 0.3560, 0.3630



56.9990, 0.2675, 0.3089

Square

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



56.9990, 0.3560, 0.3630



56.9990, 0.2935, 0.3523



56.9990, 0.2708, 0.2941



56.9990, 0.3313, 0.3072

Rectangle

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



56.9990, 0.3560, 0.3630



56.9990, 0.3250, 0.3703



56.9990, 0.2708, 0.2941



56.9990, 0.2991, 0.2912

Sweetspot

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



57.0016, 0.3560, 0.3630



93.7559, 0.3238, 0.3384



46.2426, 0.3405, 0.2996



19.9557, 0.3248, 0.3392



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.



57.0016, 0.3560, 0.3630



76.2313, 0.3658, 0.3698



68.8393, 0.3482, 0.3903



14.2065, 0.3278, 0.3416



16.8151, 0.5289, 0.4182



1.2611, 0.5062, 0.4362

Inverse Universe

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



50.4896, 0.2736, 0.2924



65.7532, 0.2658, 0.2843



40.7317, 0.2722, 0.2600



13.6033, 0.2982, 0.3161



8.7815, 0.1739, 0.1461



0.7401, 0.1825, 0.1770

Previews

White Background



This preview shows how the Yxy color 56.9990, 0.3560, 0.3630 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 56.9990, 0.3560, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

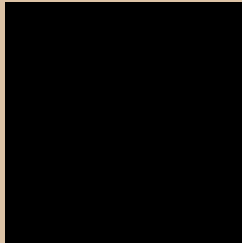
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

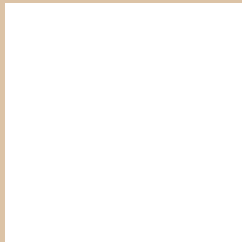
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9990, 0.3560, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 56.9990, 0.3560, 0.3630.



This preview shows how white text looks on a background with the Yxy color 56.9990, 0.3560, 0.3630.

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

56.9990, 0.3560, 0.3630

Protanopia

56.9170, 0.3452, 0.3650

Deuteranopia

56.8746, 0.3649, 0.3564



Tritanopia

57.1941, 0.3307, 0.3133

Trichromacy



Original Color

56.9990, 0.3560, 0.3630

Protanomaly

57.0187, 0.3496, 0.3646

Deuteranomaly

56.6580, 0.3612, 0.3579

Tritanomaly

57.1050, 0.3399, 0.3314

Monochromacy



Original Color

56.9990, 0.3560, 0.3630

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2414, 0.3281, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9990, 0.3560, 0.3630 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(220, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(220, 195, 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(220, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 195, 166) }
```

Border

The CSS property to change the border of an element to Yxy 56.9990, 0.3560, 0.3630 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(220, 195, 166) }
```

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

```
.border{ border-color:rgb(220, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(220, 195,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9990, 0.3560, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 195, 166) }
```

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

```
.background{ background-color: rgb(220,  
195, 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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