

Converting Colors

Yxy(56.7542, 0.3401, 0.3419)

Have a look what the booklet for
Yxy(56.7542, 0.3401, 0.3419)
contains.

Yxy(56.7542, 0.3401, 0.3419)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7542, 0.3401, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	D9C2B7
RGB	217, 194, 183
RGB Percent	85%, 76%, 72%
CMY	0.1490, 0.2392, 0.2823
CMYK	0.00, 0.11, 0.16, 0.15
HSL	19°, 31%, 78%
HSV	19°, 16%, 85%
XYZ	56.4554, 56.7542, 52.7869
YIQ	199.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

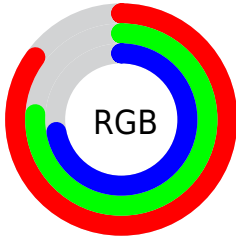
Format	Color
R _Y B	217, 199, 183
Decimal	14271159
CIE Lab	80.04, 6.33, 8.47
CIE LCh	80, 10.576, 53.240
Yxy	56.7542, 0.3401, 0.3419
Android (android.graphics.Color)	4292461239 (0xFFD9C2B7)
YUV	199.6230, -8.1951, 15.2396
Hunter-Lab	75.3354, 1.9288, 11.1908

Details

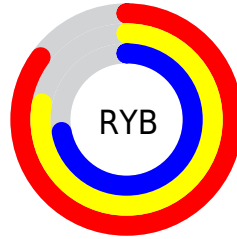
The Yxy color **56.7542, 0.3401, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2275, 0.2886, 0.3157**, and the grayscale version is **57.5602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8632, 0.3224, 0.3397**, and **28.0493, 0.3478, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **49.7049, 0.3617, 0.3507**, and if you desaturate by 10%, it is **64.5938, 0.3218, 0.3335**.

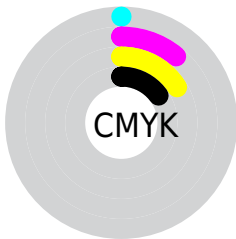
Distribution



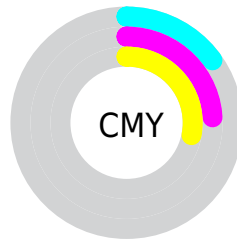
- Red (85%)
- Green (76%)
- Blue (72%)



- Red (85%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7542, 0.3401, 0.3419 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 56.7542, 0.3401, 0.3419 by changing the saturation by 10% instead.


 56.7542, 0.3401,
0.3419

 56.7542, 0.3401,
0.3419


412.5276, 0.3268,
0.3358

 40.8079, 0.3433,
0.3433

 100.1064, 0.3353,
0.3398

 28.1690, 0.3474,
0.3451


128.2812, 0.3335,
0.3389

 18.4531, 0.3527,
0.3474


161.3009, 0.3320,
0.3382

 11.2758, 0.3599,
0.3504

199.5500, 0.3307,
0.3376

 6.2527, 0.3703,
0.3546

243.4128, 0.3295,
0.3371

 2.9993, 0.3864,
0.3606

293.2737, 0.3285,

 1.1314, 0.4202,

0.3366

0.3750

349.5172, 0.3276,
0.3362

0.0046, 0.9721,
0.0279

0.0000, 0.0000,
0.0000

56.7542, 0.3401,
0.3419

56.7542, 0.3401,
0.3419

49.7049, 0.3617,
0.3507

64.5938, 0.3218,
0.3335

43.4133, 0.3870,
0.3597

73.2398, 0.3063,
0.3257

37.8554, 0.4161,
0.3682

82.7176, 0.2932,
0.3185

33.0034, 0.4489,
0.3757

92.0577, 0.2899,
0.3266

■ 28.8273, 0.4843,
0.3809

■ 93.4917, 0.2900,
0.3289

■ 25.2949, 0.5203,
0.3826

■ 22.3708, 0.5539,
0.3798

■ 20.0152, 0.5817,
0.3721

■ 19.1524, 0.5921,
0.3680

Harmonies

Analogous

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



56.7542, 0.3366, 0.3303



56.7542, 0.3401, 0.3419



56.7542, 0.3361, 0.3504

Triad

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



56.7542, 0.3401, 0.3419



56.7542, 0.2989, 0.3396



56.7542, 0.2994, 0.3057

Complementary

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



56.7542, 0.3401, 0.3419



59.2275, 0.2886, 0.3157

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.



56.7542, 0.2897, 0.3076



56.7542, 0.3401, 0.3419



56.7542, 0.2894, 0.3270

Square

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



56.7542, 0.3401, 0.3419



56.7542, 0.3121, 0.3494



56.7542, 0.2861, 0.3152



56.7542, 0.3128, 0.3097

Rectangle

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



56.7542, 0.3401, 0.3419



56.7542, 0.3298, 0.3531



56.7542, 0.2861, 0.3152



56.7542, 0.2956, 0.3056

Sweetspot

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



56.7567, 0.3401, 0.3419



93.8242, 0.3208, 0.3330



53.0932, 0.3230, 0.3023



19.9016, 0.3220, 0.3336



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.



56.7567, 0.3401, 0.3419



78.1000, 0.3473, 0.3450



64.6455, 0.3372, 0.3608



13.7355, 0.3284, 0.3366



11.7646, 0.5895, 0.3701



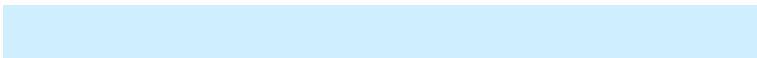
0.9157, 0.5575, 0.3955

Inverse Universe

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



59.2275, 0.2886, 0.3157



82.3498, 0.2831, 0.3125



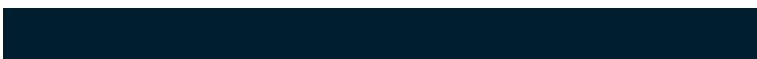
51.5804, 0.2877, 0.2950



14.0828, 0.2982, 0.3213



15.8333, 0.1945, 0.2203



1.1795, 0.2000, 0.2401

Previews

White Background



This preview shows how the Yxy color 56.7542, 0.3401, 0.3419 looks on a white background.

Color Contrast Check

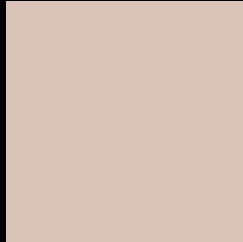
Large Text (above 18pt) WCAG AA × Fail

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 56.7542, 0.3401, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

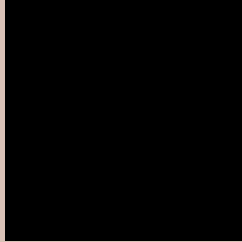
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7542, 0.3401, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 56.7542, 0.3401, 0.3419.



This preview shows how white text looks on a background with the Yxy color 56.7542, 0.3401, 0.3419.

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

56.7542, 0.3401, 0.3419

Protanopia

56.8701, 0.3280, 0.3446

Deuteranopia

56.8061, 0.3456, 0.3394



Tritanopia

56.9335, 0.3249, 0.3120

Trichromacy



Original Color

56.7542, 0.3401, 0.3419

Protanomaly

56.9485, 0.3322, 0.3445

Deuteranomaly

56.9310, 0.3437, 0.3406

Tritanomaly

56.8366, 0.3302, 0.3222

Monochromacy



Original Color

56.7542, 0.3401, 0.3419

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4050, 0.3220, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7542, 0.3401, 0.3419 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(217, 194, 183)` looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 183)  
}
```

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(217, 194, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.7542, 0.3401, 0.3419 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(217, 194, 183) }
```

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

```
.border{ border-color:rgb(217, 194, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 194, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 183);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7542, 0.3401, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 183) }
```

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

```
.background{ background-color: rgb(217,  
194, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor