

Converting Colors

Yxy(56.7831, 0.3353, 0.3493)

Have a look what the booklet for
Yxy(56.7831, 0.3353, 0.3493)
contains.

Yxy(56.7831, 0.3353, 0.3493)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7831, 0.3353, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5B4
RGB	209, 197, 180
RGB Percent	82%, 77%, 71%
CMY	0.1802, 0.2275, 0.2941
CMYK	0.00, 0.06, 0.14, 0.18
HSL	35°, 24%, 76%
HSV	35°, 14%, 82%
XYZ	54.5072, 56.7831, 51.2722
YIQ	198.6500, 12.6090, -2.7430

Conversions

Conversions Part 2

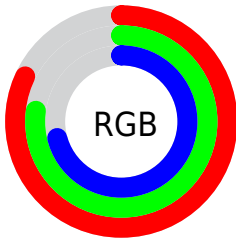
Format	Color
R _Y B	200, 209, 180
Decimal	13747636
CIE Lab	80.06, 1.37, 10.02
CIE LCh	80, 10.111, 82.226
Yxy	56.7831, 0.3353, 0.3493
Android (android.graphics.Color)	4291937716 (0xFFD1C5B4)
YUV	198.6500, -9.1945, 9.0769
Hunter-Lab	75.3546, -2.7537, 12.4065

Details

The Yxy color **56.7831, 0.3353, 0.3493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0329, 0.2911, 0.3078**, and the grayscale version is **56.9440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1998, 0.3239, 0.3464**, and **28.0473, 0.3411, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **52.1706, 0.3539, 0.3647**, and if you desaturate by 10%, it is **61.7558, 0.3187, 0.3345**.

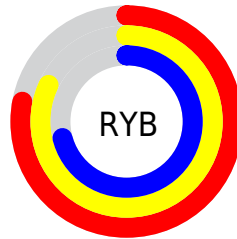
Distribution



Red (82%)

Green (77%)

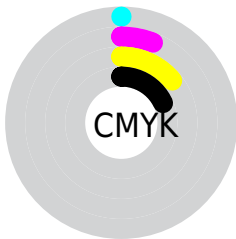
Blue (71%)



Red (78%)

Yellow (82%)

Blue (71%)

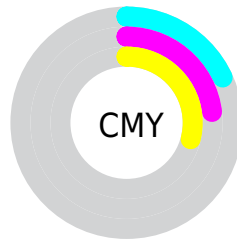


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (18%)



Cyan (18%)


Magenta (23%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7831, 0.3353, 0.3493 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 56.7831, 0.3353, 0.3493 by changing the saturation by 10% instead.


 56.7831, 0.3353,
0.3493

 56.7831, 0.3353,
0.3493


412.6361, 0.3244,
0.3395

 40.8311, 0.3379,
0.3516


 100.1486, 0.3314,
0.3458

 28.1872, 0.3412,
0.3546


128.3310, 0.3299,
0.3445

 18.4668, 0.3456,
0.3584


161.3589, 0.3286,
0.3434

 11.2856, 0.3514,
0.3635

199.6168, 0.3276,
0.3424

 6.2593, 0.3598,
0.3708

243.4891, 0.3266,
0.3415

 3.0034, 0.3727,
0.3819

293.3601, 0.3258,

 1.1335, 0.4044,

0.3408

0.4103

349.6143, 0.3250,
0.3401

0.0064, 0.8611,
0.1389

0.0000, 0.0000,
0.0000

56.7831, 0.3353,
0.3493

56.7831, 0.3353,
0.3493

52.1706, 0.3539,
0.3647

61.7558, 0.3187,
0.3345

47.9012, 0.3744,
0.3803

67.0902, 0.3039,
0.3206

43.9674, 0.3967,
0.3956

72.7974, 0.2909,
0.3076

40.3585, 0.4202,
0.4096

78.3178, 0.2842,
0.3044

■ 37.0631, 0.4442,
0.4212

■ 83.3133, 0.2847,
0.3136

■ 34.0686, 0.4676,
0.4293

■ 88.5531, 0.2852,
0.3227

■ 31.3611, 0.4889,
0.4328

■ 92.3006, 0.2855,
0.3289

■ 28.9245, 0.5071,
0.4309

■ 27.5538, 0.5170,
0.4277

Harmonies

Analogous

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



56.7831, 0.3389, 0.3410



56.7831, 0.3353, 0.3493



56.7831, 0.3256, 0.3523

Triad

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



56.7831, 0.3353, 0.3493



56.7831, 0.2906, 0.3275



56.7831, 0.3124, 0.3103

Complementary

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



56.7831, 0.3353, 0.3493



52.0329, 0.2911, 0.3078

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.



56.7831, 0.2996, 0.3066



56.7831, 0.3353, 0.3493



56.7831, 0.2872, 0.3162

Square

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



56.7831, 0.3353, 0.3493



56.7831, 0.2999, 0.3395



56.7831, 0.2905, 0.3087



56.7831, 0.3255, 0.3188

Rectangle

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



56.7831, 0.3353, 0.3493



56.7831, 0.3171, 0.3506



56.7831, 0.2905, 0.3087



56.7831, 0.3079, 0.3085

Sweetspot

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



56.7856, 0.3353, 0.3493



96.6897, 0.3189, 0.3348



50.0178, 0.3280, 0.3146



20.5646, 0.3201, 0.3359



0.0000, 0.0000, 0.0000



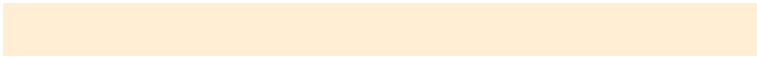
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7856, 0.3353, 0.3493



86.5716, 0.3412, 0.3543



62.1250, 0.3314, 0.3633



12.9410, 0.3276, 0.3426



17.1809, 0.5152, 0.4292



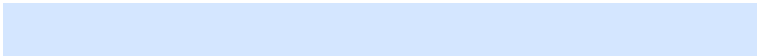
1.1153, 0.4929, 0.4468

Inverse Universe

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



52.0329, 0.2911, 0.3078



77.5570, 0.2857, 0.3023



47.2495, 0.2925, 0.2926



12.2120, 0.2982, 0.3150



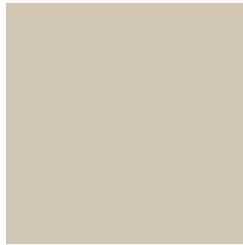
7.1977, 0.1700, 0.1319



0.5574, 0.1801, 0.1684

Previews

White Background



This preview shows how the Yxy color 56.7831, 0.3353, 0.3493 looks on a white background.

Color Contrast Check

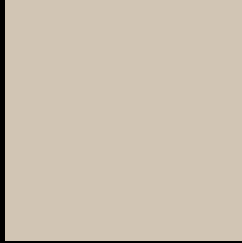
Large Text (above 18pt) WCAG AA × Fail

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 56.7831, 0.3353, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

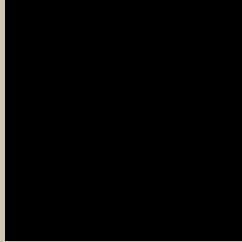
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

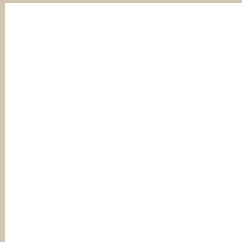
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7831, 0.3353, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 56.7831, 0.3353, 0.3493.



This preview shows how white text looks on a background with the Yxy color 56.7831, 0.3353, 0.3493.

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

56.7831, 0.3353, 0.3493

Protanopia

56.8053, 0.3326, 0.3507

Deuteranopia

56.4451, 0.3482, 0.3406



Tritanopia

56.8401, 0.3175, 0.3117

Trichromacy



Original Color

56.7831, 0.3353, 0.3493

Protanomaly

56.9489, 0.3335, 0.3506

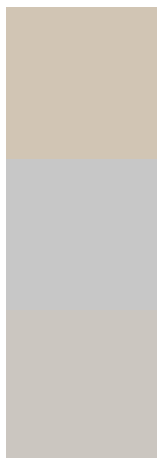
Deuteranomaly

56.5362, 0.3436, 0.3431

Tritanomaly

56.6578, 0.3242, 0.3244

Monochromacy



Original Color

56.7831, 0.3353, 0.3493

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8904, 0.3211, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7831, 0.3353, 0.3493 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(209, 197, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 180)  
}
```

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(209, 197, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 180) }
```

Border

The CSS property to change the border of an element to Yxy 56.7831, 0.3353, 0.3493 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(209, 197, 180) }
```

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

```
.border{ border-color:rgb(209, 197, 180) }
```

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

Here you see how a box with a 4 pixel rgb(209, 197, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7831, 0.3353, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 180) }
```

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

```
.background{ background-color: rgb(209,  
197, 180) }
```

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