

Converting Colors

$Yxy(56.6955, 0.3254, 0.3338)$

Have a look what the booklet for
Yxy(56.6955, 0.3254, 0.3338)
contains.

Yxy(56.6955, 0.3254, 0.3338)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6955, 0.3254, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	D0C4C0
RGB	208, 196, 192
RGB Percent	82%, 77%, 75%
CMY	0.1842, 0.2314, 0.2472
CMYK	0.00, 0.06, 0.08, 0.18
HSL	15°, 15%, 78%
HSV	15°, 8%, 82%
XYZ	55.2688, 56.6955, 57.8844
YIQ	199.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

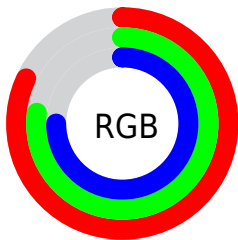
Format	Color
R _Y B	208, 197, 192
Decimal	13681856
CIE Lab	80.01, 3.51, 3.51
CIE LCh	80, 4.963, 45.053
Yxy	56.6955, 0.3254, 0.3338
Android (android.graphics.Color)	4291871936 (0xFFD0C4C0)
YUV	199.1320, -3.5161, 7.7772
Hunter-Lab	75.2964, -0.7469, 7.1280

Details

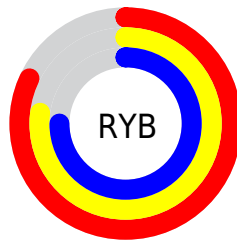
The Yxy color **56.6955, 0.3254, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9423, 0.3009, 0.3242**, and the grayscale version is **57.2183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2879, 0.3169, 0.3338**, and **28.0801, 0.3288, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **49.1712, 0.3447, 0.3404**, and if you desaturate by 10%, it is **65.0853, 0.3093, 0.3276**.

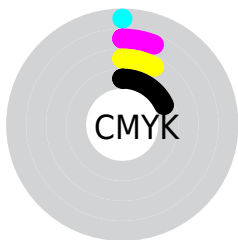
Distribution



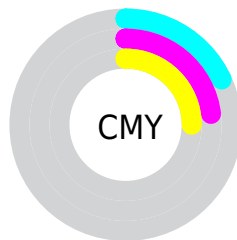
- Red (82%)
- Green (77%)
- Blue (75%)



- Red (82%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6955, 0.3254, 0.3338 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 56.6955, 0.3254, 0.3338 by changing the saturation by 10% instead.


 56.6955, 0.3254,
0.3338

 56.6955, 0.3254,
0.3338


412.3073, 0.3192,
0.3315

 40.7608, 0.3269,
0.3343


 100.0207, 0.3232,
0.3330

 28.1322, 0.3288,
0.3350


128.1801, 0.3224,
0.3327

 18.4254, 0.3312,
0.3359


161.1831, 0.3217,
0.3324

 11.2558, 0.3345,
0.3371

199.4142, 0.3210,
0.3322

 6.2392, 0.3393,
0.3387

243.2578, 0.3205,
0.3320

 2.9911, 0.3468,
0.3412

293.0983, 0.3200,

 1.1271, 0.3601,

0.3318

349.3200, 0.3196,
0.3317

0.3454

0.0009, 0.9898,
0.0102

0.0000, 0.0000,
0.0000

56.6955, 0.3254,
0.3338

56.6955, 0.3254,
0.3338

49.1712, 0.3447,
0.3404

65.0853, 0.3093,
0.3276

42.4773, 0.3678,
0.3473

74.3596, 0.2958,
0.3220

36.5873, 0.3951,
0.3543

84.5460, 0.2846,
0.3168

31.4703, 0.4270,
0.3608

92.1530, 0.2849,
0.3289

■ 27.0934, 0.4630,
0.3661

■ 23.4214, 0.5019,
0.3692

■ 20.4159, 0.5408,
0.3690

■ 18.0345, 0.5759,
0.3648

■ 16.2275, 0.6033,
0.3567

Harmonies

Analogous

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



56.6955, 0.3229, 0.3281



56.6955, 0.3254, 0.3338



56.6955, 0.3245, 0.3383

Triad

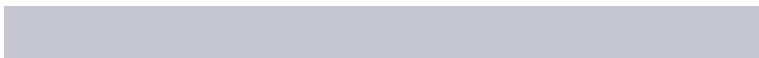
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6955, 0.3254, 0.3338



56.6955, 0.3078, 0.3354



56.6955, 0.3050, 0.3179

Complementary

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



56.6955, 0.3254, 0.3338



58.9423, 0.3009, 0.3242

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.



56.6955, 0.3011, 0.3197



56.6955, 0.3254, 0.3338



56.6955, 0.3027, 0.3298

Square

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



56.6955, 0.3254, 0.3338



56.6955, 0.3143, 0.3393



56.6955, 0.3002, 0.3240



56.6955, 0.3110, 0.3190

Rectangle

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



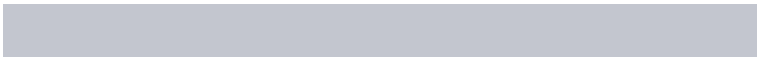
56.6955, 0.3254, 0.3338



56.6955, 0.3221, 0.3399



56.6955, 0.3002, 0.3240



56.6955, 0.3034, 0.3182

Sweetspot

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



56.6980, 0.3254, 0.3338



97.2624, 0.3159, 0.3302



55.4616, 0.3166, 0.3149



20.8469, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



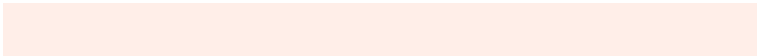
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6980, 0.3254, 0.3338



88.1260, 0.3279, 0.3347



60.4083, 0.3245, 0.3432



12.2833, 0.3284, 0.3349



10.0294, 0.6064, 0.3567



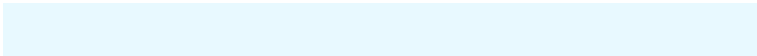
0.6895, 0.5696, 0.3859

Inverse Universe

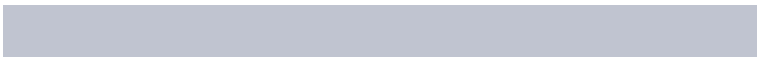
The Inverse Universe completely reimagines the original color for something new.



58.9423, 0.3009, 0.3242



92.2856, 0.2988, 0.3232



55.2324, 0.3009, 0.3144



12.8838, 0.2983, 0.3230



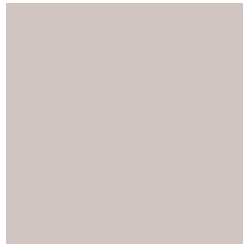
17.7803, 0.2017, 0.2463



1.1161, 0.2065, 0.2632

Previews

White Background



This preview shows how the Yxy color 56.6955, 0.3254, 0.3338 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 56.6955, 0.3254, 0.3338 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

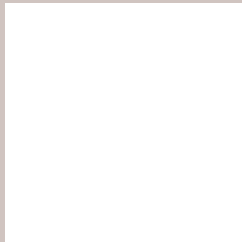
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6955, 0.3254, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 56.6955, 0.3254, 0.3338.



This preview shows how white text looks on a background with the Yxy color 56.6955, 0.3254, 0.3338.

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

56.6955, 0.3254, 0.3338

Protanopia

56.9349, 0.3204, 0.3350

Deuteranopia

56.7652, 0.3350, 0.3279



Tritanopia

56.4450, 0.3144, 0.3105

Trichromacy



Original Color

56.6955, 0.3254, 0.3338

Protanomaly

56.7619, 0.3221, 0.3338

Deuteranomaly

56.5891, 0.3315, 0.3291

Tritanomaly

56.4507, 0.3180, 0.3185

Monochromacy



Original Color

56.6955, 0.3254, 0.3338

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9302, 0.3173, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6955, 0.3254, 0.3338 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(208, 196, 192) looks like.

```
.text, #text, p{  
    color:rgb(208, 196, 192)  
}
```

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(208, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 196, 192) }
```

Border

The CSS property to change the border of an element to Yxy 56.6955, 0.3254, 0.3338 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(208, 196, 192) }
```

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

```
.border{ border-color:rgb(208, 196, 192) }
```

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

Here you see how a box with a 4 pixel rgb(208, 196, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(208, 196,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6955, 0.3254, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 196, 192) }
```

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

```
.background{ background-color: rgb(208,  
196, 192) }
```

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