

Converting Colors

$Yxy(56.9485, 0.3322, 0.3445)$

Have a look what the booklet for
Yxy(56.9485, 0.3322, 0.3445)
contains.

Yxy(56.9485, 0.3322, 0.3445)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9485, 0.3322, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5B8
RGB	209, 197, 184
RGB Percent	82%, 77%, 72%
CMY	0.1803, 0.2274, 0.2784
CMYK	0.00, 0.06, 0.12, 0.18
HSL	31°, 21%, 77%
HSV	31°, 12%, 82%
XYZ	54.9152, 56.9485, 53.4440
YIQ	199.1060, 11.3250, -1.4990

Conversions

Conversions Part 2

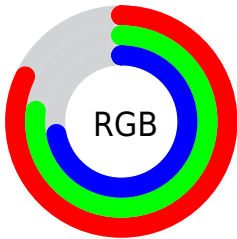
Format	Color
R _Y B	207, 209, 184
Decimal	13747640
CIE Lab	80.15, 2.00, 8.01
CIE LCh	80, 8.258, 75.985
Yxy	56.9485, 0.3322, 0.3445
Android (android.graphics.Color)	4291937720 (0xFFD1C5B8)
YUV	199.1060, -7.4473, 8.6770
Hunter-Lab	75.4642, -2.1682, 10.8356

Details

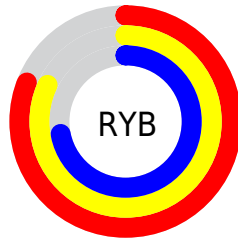
The Yxy color **56.9485, 0.3322, 0.3445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2802, 0.2942, 0.3130**, and the grayscale version is **57.2251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4349, 0.3215, 0.3425**, and **28.1536, 0.3369, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **51.7301, 0.3509, 0.3582**, and if you desaturate by 10%, it is **62.6050, 0.3157, 0.3315**.

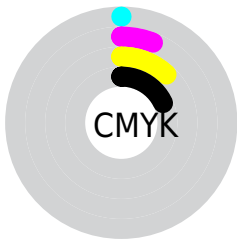
Distribution



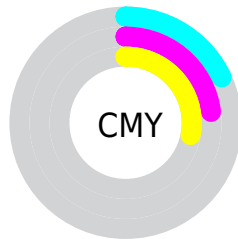
- Red (82%)
- Green (77%)
- Blue (72%)



- Red (81%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (18%)




- Cyan (18%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9485, 0.3322, 0.3445 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 56.9485, 0.3322, 0.3445 by changing the saturation by 10% instead.


 56.9485, 0.3322,
0.3445

 56.9485, 0.3322,
0.3445


413.2563, 0.3228,
0.3371

 40.9639, 0.3345,
0.3463


 100.3900, 0.3288,
0.3419

 28.2909, 0.3373,
0.3485

128.6158, 0.3276,
0.3408

 18.5450, 0.3411,
0.3514


161.6906, 0.3265,
0.3400

 11.3420, 0.3461,
0.3553

199.9991, 0.3255,
0.3392

 6.2974, 0.3534,
0.3608

243.9255, 0.3247,
0.3386

 3.0267, 0.3647,
0.3693

293.8542, 0.3240,

 1.1457, 0.3882,

0.3380

0.3874

350.1697, 0.3233,
0.3375

0.0167, 0.7950,
0.2050

0.0000, 0.0000,
0.0000

56.9485, 0.3322,
0.3445

56.9485, 0.3322,
0.3445

51.7301, 0.3509,
0.3582

62.6050, 0.3157,
0.3315

46.9309, 0.3720,
0.3722

68.7031, 0.3013,
0.3193

42.5410, 0.3953,
0.3860

75.2558, 0.2887,
0.3080

38.5478, 0.4206,
0.3988

81.4347, 0.2845,
0.3102

■ 34.9376, 0.4471,
0.4096

■ 87.4162, 0.2851,
0.3208

■ 31.6956, 0.4736,
0.4171

■ 92.2975, 0.2855,
0.3289

■ 28.8055, 0.4987,
0.4201

■ 26.2491, 0.5208,
0.4177

■ 24.4167, 0.5361,
0.4125

Harmonies

Analogous

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



56.9485, 0.3339, 0.3371



56.9485, 0.3322, 0.3445



56.9485, 0.3252, 0.3479

Triad

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



56.9485, 0.3322, 0.3445



56.9485, 0.2959, 0.3299



56.9485, 0.3102, 0.3127

Complementary

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



56.9485, 0.3322, 0.3445



54.2802, 0.2942, 0.3130

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.



56.9485, 0.3001, 0.3106



56.9485, 0.3322, 0.3445



56.9485, 0.2920, 0.3203

Square

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



56.9485, 0.3322, 0.3445



56.9485, 0.3042, 0.3394



56.9485, 0.2935, 0.3134



56.9485, 0.3211, 0.3189

Rectangle

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



56.9485, 0.3322, 0.3445



56.9485, 0.3186, 0.3472



56.9485, 0.2935, 0.3134



56.9485, 0.3066, 0.3115

Sweetspot

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



56.9510, 0.3322, 0.3445



96.2746, 0.3190, 0.3341



51.8278, 0.3243, 0.3147



20.4595, 0.3202, 0.3351



0.0000, 0.0000, 0.0000



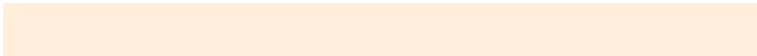
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9510, 0.3322, 0.3445



87.4548, 0.3361, 0.3475



62.5656, 0.3301, 0.3584



12.8102, 0.3278, 0.3411



15.2509, 0.5340, 0.4142



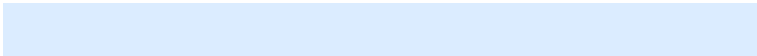
1.0112, 0.5074, 0.4354

Inverse Universe

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



54.2802, 0.2942, 0.3130



82.5743, 0.2907, 0.3098



49.1267, 0.2942, 0.2979



12.3411, 0.2982, 0.3166



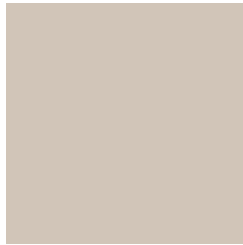
8.6976, 0.1757, 0.1524



0.6448, 0.1852, 0.1866

Previews

White Background



This preview shows how the Yxy color 56.9485, 0.3322, 0.3445 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 56.9485, 0.3322, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

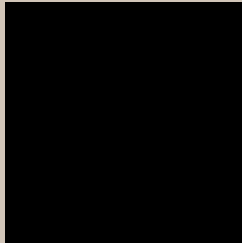
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9485, 0.3322, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 56.9485, 0.3322, 0.3445.



This preview shows how white text looks on a background with the Yxy color 56.9485, 0.3322, 0.3445.

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

56.9485, 0.3322, 0.3445

Protanopia

57.0128, 0.3288, 0.3446

Deuteranopia

56.8900, 0.3439, 0.3371



Tritanopia

56.7404, 0.3160, 0.3106

Trichromacy



Original Color

56.9485, 0.3322, 0.3445

Protanomaly

57.1563, 0.3296, 0.3445

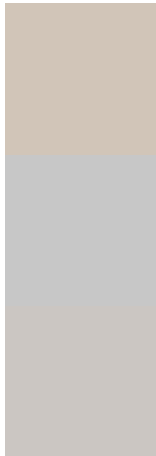
Deuteranomaly

56.9918, 0.3394, 0.3395

Tritanomaly

56.6026, 0.3219, 0.3220

Monochromacy



Original Color

56.9485, 0.3322, 0.3445

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9797, 0.3196, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9485, 0.3322, 0.3445 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.9485, 0.3322, 0.3445 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, 184) }
```

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

```
.border{ border-color:rgb(209, 197, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9485, 0.3322, 0.3445 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, 184) }
```

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

```
.background{ background-color: rgb(209,  
197, 184) }
```

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