

Converting Colors

Yxy(56.6680, 0.3358, 0.3501)

Have a look what the booklet for
Yxy(56.6680, 0.3358, 0.3501)
contains.

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Color

Yxy(56.7425, 0.3360, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5B3
RGB	209, 197, 179
RGB Percent	82%, 77%, 70%
CMY	0.1805, 0.2274, 0.2979
CMYK	0.00, 0.06, 0.14, 0.18
HSL	36°, 25%, 76%
HSV	36°, 14%, 82%
XYZ	54.3951, 56.7425, 50.7526
YIQ	198.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

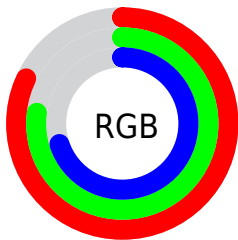
Format	Color
R _Y B	199, 209, 179
Decimal	13747635
CIE Lab	80.03, 1.18, 10.51
CIE LCh	80, 10.572, 83.585
Yxy	56.7425, 0.3360, 0.3505
Android (android.graphics.Color)	4291937715 (0xFFD1C5B3)
YUV	198.5360, -9.6312, 9.1769
Hunter-Lab	75.3276, -2.9261, 12.7822

Details

The Yxy color $56.7425, 0.3360, 0.3505$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.4535, 0.2903, 0.3065$, and the grayscale version is $56.8700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1418, 0.3245, 0.3474$, and $28.0213, 0.3421, 0.3562$ is the 20% darker color. If you saturate the color by 10%, you get $52.2733, 0.3546, 0.3663$, and if you desaturate by 10%, it is $61.5551, 0.3193, 0.3353$.

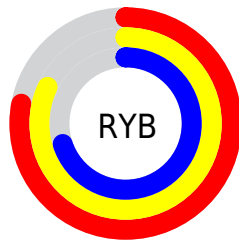
Distribution



Red (82%)

Green (77%)

Blue (70%)



Red (78%)

Yellow (82%)

Blue (70%)

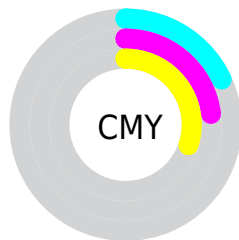


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (18%)



Cyan (18%)

Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7425, 0.3360, 0.3505 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 56.7425, 0.3360, 0.3505 by changing the saturation by 10% instead.


 56.7425, 0.3360,
0.3505

 56.7425, 0.3360,
0.3505


412.4837, 0.3247,
0.3401

 40.7985, 0.3387,
0.3530


 100.0894, 0.3320,
0.3468

 28.1617, 0.3421,
0.3561


128.2611, 0.3304,
0.3454

 18.4476, 0.3466,
0.3601


161.2774, 0.3291,
0.3442

 11.2718, 0.3526,
0.3656

199.5229, 0.3280,
0.3432

 6.2500, 0.3612,
0.3733

243.3819, 0.3270,
0.3423

 2.9977, 0.3744,
0.3851

293.2388, 0.3262,

 1.1305, 0.4085,

0.3415

349.4779, 0.3254,
0.3408

0.4165

0.0038, 0.8946,
0.1054

0.0000, 0.0000,
0.0000

56.7425, 0.3360,
0.3505

56.7425, 0.3360,
0.3505

52.2733, 0.3546,
0.3663

61.5551, 0.3193,
0.3353

48.1308, 0.3749,
0.3823

66.7122, 0.3045,
0.3210

44.3079, 0.3969,
0.3979

72.2246, 0.2914,
0.3076

40.7943, 0.4200,
0.4121

77.5992, 0.2841,
0.3030

■ 37.5790, 0.4434,
0.4239

■ 82.3713, 0.2846,
0.3119

■ 34.6499, 0.4660,
0.4322

■ 87.3693, 0.2850,
0.3208

■ 31.9935, 0.4865,
0.4357

■ 92.2917, 0.2855,
0.3289

■ 29.5941, 0.5038,
0.4339

■ 28.3337, 0.5126,
0.4312

Harmonies

Analogous

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



56.7425, 0.3401, 0.3420



56.7425, 0.3360, 0.3505



56.7425, 0.3256, 0.3533

Triad

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



56.7425, 0.3360, 0.3505



56.7425, 0.2893, 0.3268



56.7425, 0.3130, 0.3098

Complementary

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



56.7425, 0.3360, 0.3505



51.4535, 0.2903, 0.3065

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.



56.7425, 0.2995, 0.3057



56.7425, 0.3360, 0.3505



56.7425, 0.2861, 0.3151

Square

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



56.7425, 0.3360, 0.3505



56.7425, 0.2987, 0.3395



56.7425, 0.2898, 0.3075



56.7425, 0.3266, 0.3188

Rectangle

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



56.7425, 0.3360, 0.3505



56.7425, 0.3167, 0.3514



56.7425, 0.2898, 0.3075



56.7425, 0.3083, 0.3078

Sweetspot

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



56.7450, 0.3360, 0.3505



96.7868, 0.3189, 0.3349



49.5693, 0.3290, 0.3147



20.5891, 0.3201, 0.3360



0.0000, 0.0000, 0.0000



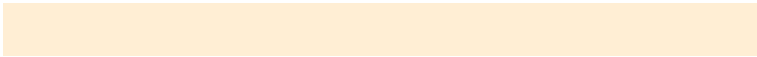
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7450, 0.3360, 0.3505



86.9551, 0.3411, 0.3550



61.9644, 0.3317, 0.3645



12.9717, 0.3276, 0.3429



17.6717, 0.5109, 0.4326



1.1411, 0.4897, 0.4494

Inverse Universe

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



51.4535, 0.2903, 0.3065



77.1905, 0.2856, 0.3016



46.8065, 0.2922, 0.2914



12.1821, 0.2982, 0.3147



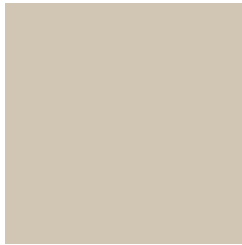
6.8844, 0.1687, 0.1274



0.5384, 0.1790, 0.1643

Previews

White Background



This preview shows how the Yxy color 56.7425, 0.3360, 0.3505 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 56.7425, 0.3360, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

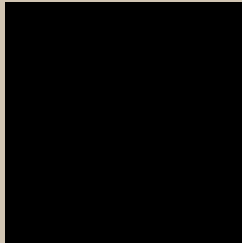
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7425, 0.3360, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 56.7425, 0.3360, 0.3505.



This preview shows how white text looks on a background with the Yxy color 56.7425, 0.3360, 0.3505.

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

56.7425, 0.3360, 0.3505

Protanopia

56.7647, 0.3334, 0.3519

Deuteranopia

56.4042, 0.3491, 0.3418



Tritanopia

56.8401, 0.3175, 0.3117

Trichromacy



Original Color

56.7425, 0.3360, 0.3505

Protanomaly

56.9082, 0.3342, 0.3518

Deuteranomaly

56.4953, 0.3444, 0.3442

Tritanomaly

56.6118, 0.3250, 0.3255

Monochromacy



Original Color

56.7425, 0.3360, 0.3505

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 56.7425, 0.3360, 0.3505 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 179) }
```

Border

The CSS property to change the border of an element to Yxy 56.7425, 0.3360, 0.3505 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, 179) }
```

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

```
.border{ border-color:rgb(209, 197, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 179);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7425, 0.3360, 0.3505 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, 179) }
```

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

```
.background{ background-color: rgb(209,  
197, 179) }
```

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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