

Converting Colors

Yxy(57.0392, 0.3323, 0.3515)

Have a look what the booklet for
Yxy(57.0392, 0.3323, 0.3515)
contains.

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Color

Yxy(57.2639, 0.3325, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	CEC7B4
RGB	206, 199, 180
RGB Percent	81%, 78%, 71%
CMY	0.1920, 0.2196, 0.2941
CMYK	0.00, 0.03, 0.13, 0.19
HSL	44°, 21%, 76%
HSV	44°, 13%, 81%
XYZ	54.1224, 57.2639, 51.3878
YIQ	198.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

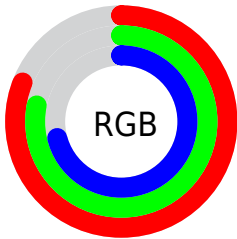
Format	Color
RYB	190, 206, 180
Decimal	13551540
CIELab	80.33, -0.78, 10.37
CIELCh	80, 10.397, 94.290
Yxy	57.2639, 0.3325, 0.3518
Android (android.graphics.Color)	4291741620 (0xFFCEC7B4)
YUV	198.9270, -9.3310, 6.2030
Hunter-Lab	75.6729, -4.7618, 12.7085

Details

The Yxy color **57.2639, 0.3325, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7249, 0.2930, 0.3051**, and the grayscale version is **57.1238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **28.4585, 0.3384, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **53.9708, 0.3497, 0.3706**, and if you desaturate by 10%, it is **60.7807, 0.3166, 0.3336**.

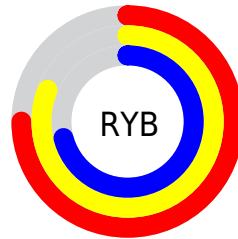
Distribution



Red (81%)

Green (78%)

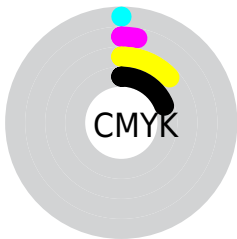
Blue (71%)



Red (75%)

Yellow (81%)

Blue (71%)

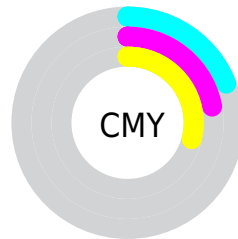


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (19%)



Cyan (19%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2639, 0.3325, 0.3518 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 57.2639, 0.3325, 0.3518 by changing the saturation by 10% instead.


 57.2639, 0.3325,
0.3518

 57.2639, 0.3325,
0.3518

414.4374, 0.3230,
0.3408

 41.2172, 0.3348,
0.3544


 100.8501, 0.3291,
0.3479

 28.4888, 0.3377,
0.3578


129.1584, 0.3278,
0.3464

 18.6945, 0.3414,
0.3621


162.3227, 0.3267,
0.3451

 11.4497, 0.3464,
0.3680

200.7273, 0.3258,
0.3440

 6.3702, 0.3536,
0.3764

244.7567, 0.3249,
0.3430

 3.0714, 0.3645,
0.3892

294.7953, 0.3242,

 1.1691, 0.3919,

0.3422

0.4209

351.2274, 0.3235,
0.3414

0.0363, 0.2994,
0.7006

0.0000, 0.0000,
0.0000

57.2639, 0.3325,
0.3518

57.2639, 0.3325,
0.3518

53.9708, 0.3497,
0.3706

60.7807, 0.3166,
0.3336

50.8874, 0.3680,
0.3897

64.5199, 0.3022,
0.3164

48.0094, 0.3871,
0.4082

68.4897, 0.2892,
0.3003

45.3293, 0.4064,
0.4254

72.2080, 0.2817,
0.2929

■ 42.8390, 0.4252,
0.4401

■ 75.2043, 0.2820,
0.2990

■ 40.5296, 0.4426,
0.4514

■ 78.2993, 0.2824,
0.3050

■ 38.3911, 0.4577,
0.4582

■ 81.4937, 0.2828,
0.3110

■ 36.4113, 0.4699,
0.4602

■ 84.7886, 0.2831,
0.3170

■ 35.0385, 0.4773,
0.4592

■ 88.1847, 0.2835,
0.3228

Harmonies

Analogous

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



57.2639, 0.3389, 0.3452



57.2639, 0.3325, 0.3518



57.2639, 0.3208, 0.3522

Triad

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



57.2639, 0.3325, 0.3518



57.2639, 0.2879, 0.3225



57.2639, 0.3180, 0.3129

Complementary

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



57.2639, 0.3325, 0.3518



49.7249, 0.2930, 0.3051

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.



57.2639, 0.3043, 0.3069



57.2639, 0.3325, 0.3518



57.2639, 0.2871, 0.3122

Square

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



57.2639, 0.3325, 0.3518



57.2639, 0.2951, 0.3350



57.2639, 0.2931, 0.3066



57.2639, 0.3305, 0.3229

Rectangle

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



57.2639, 0.3325, 0.3518



57.2639, 0.3117, 0.3487



57.2639, 0.2931, 0.3066



57.2639, 0.3133, 0.3103

Sweetspot

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



57.2664, 0.3325, 0.3518



97.6130, 0.3188, 0.3362



49.3792, 0.3293, 0.3201



20.7985, 0.3200, 0.3375



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.



57.2664, 0.3325, 0.3518



91.3535, 0.3368, 0.3566



59.7866, 0.3270, 0.3604



12.5635, 0.3272, 0.3458



21.7365, 0.4762, 0.4601



1.2429, 0.4627, 0.4708

Inverse Universe

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



49.7249, 0.2930, 0.3051



76.9232, 0.2888, 0.2998



47.5018, 0.2973, 0.2965



11.3294, 0.2983, 0.3116



4.6075, 0.1596, 0.0943



0.3661, 0.1706, 0.1339

Previews

White Background



This preview shows how the Yxy color 57.2639, 0.3325, 0.3518 looks on a white background.

Color Contrast Check

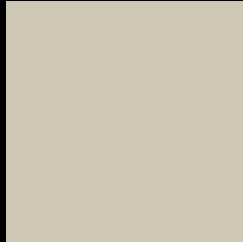
Large Text (above 18pt) WCAG AA × Fail

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 57.2639, 0.3325, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

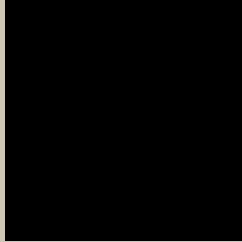
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

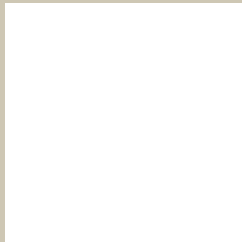
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2639, 0.3325, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 57.2639, 0.3325, 0.3518.

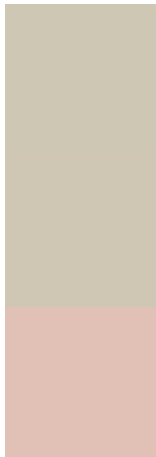


This preview shows how white text looks on a background with the Yxy color 57.2639, 0.3325, 0.3518.

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

57.2639, 0.3325, 0.3518

Protanopia

57.4075, 0.3333, 0.3518

Deuteranopia

57.0430, 0.3489, 0.3417



Tritanopia

57.3850, 0.3135, 0.3117

Trichromacy



Original Color

57.2639, 0.3325, 0.3518

Protanomaly

57.4075, 0.3333, 0.3518

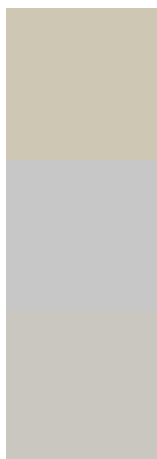
Deuteranomaly

57.2718, 0.3424, 0.3454

Tritanomaly

57.1587, 0.3209, 0.3255

Monochromacy



Original Color

57.2639, 0.3325, 0.3518

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2092, 0.3202, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2639, 0.3325, 0.3518 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(206, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 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(206, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.2639, 0.3325, 0.3518 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(206, 199, 180) }
```

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

```
.border{ border-color:rgb(206, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2639, 0.3325, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 180) }
```

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

```
.background{ background-color: rgb(206,  
199, 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](#).

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