

Converting Colors

$Y_{xy}(57.3025, 0.3385, 0.3532)$

Have a look what the booklet for
Yxy(57.3025, 0.3385, 0.3532)
contains.

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Color

Yxy(57.4114, 0.3391, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	D3C6B1
RGB	211, 198, 177
RGB Percent	83%, 78%, 69%
CMY	0.1725, 0.2235, 0.3059
CMYK	0.00, 0.06, 0.16, 0.17
HSL	37°, 28%, 76%
HSV	37°, 16%, 83%
XYZ	54.9949, 57.4114, 49.7728
YIQ	199.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

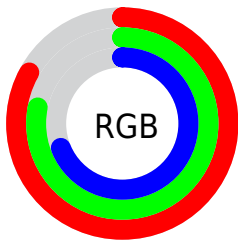
Format	Color
R _{YB}	198, 211, 177
Decimal	13878961
CIE Lab	80.41, 1.08, 12.16
CIE LCh	80, 12.207, 84.917
Yxy	57.4114, 0.3391, 0.3540
Android (android.graphics.Color)	4292069041 (0xFFD3C6B1)
YUV	199.4930, -11.0890, 10.0916
Hunter-Lab	75.7703, -3.0408, 14.0922

Details

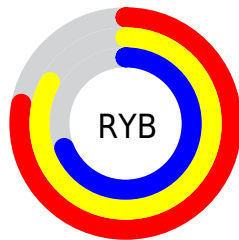
The Yxy color **57.4114, 0.3391, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8757, 0.2874, 0.3027**, and the grayscale version is **57.4953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **28.4697, 0.3462, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **53.0460, 0.3578, 0.3703**, and if you desaturate by 10%, it is **62.1085, 0.3222, 0.3382**.

Distribution



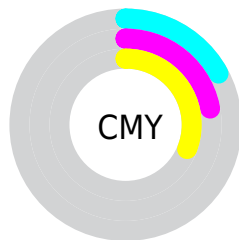
- Red (83%)
- Green (78%)
- Blue (69%)



- Red (78%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (17%)





- Cyan (17%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4114, 0.3391, 0.3540 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 57.4114, 0.3391, 0.3540 by changing the saturation by 10% instead.


 57.4114, 0.3391,
0.3540

 57.4114, 0.3391,
0.3540

414.9891, 0.3264,
0.3420

 41.3356, 0.3422,
0.3569

 101.0652, 0.3346,
0.3497

 28.5814, 0.3460,
0.3605

129.4121, 0.3328,
0.3481

 18.7644, 0.3510,
0.3651


162.6181, 0.3314,
0.3467

 11.5002, 0.3577,
0.3714

201.0676, 0.3301,
0.3455

 6.4043, 0.3673,
0.3802

245.1451, 0.3290,
0.3445

 3.0925, 0.3818,
0.3935

295.2349, 0.3280,

 1.1802, 0.4213,

0.3435

0.4309

351.7214, 0.3271,
0.3427

0.0454, 0.6050,
0.3950

0.0000, 0.0000,
0.0000

57.4114, 0.3391,
0.3540

57.4114, 0.3391,
0.3540

53.0460, 0.3578,
0.3703

62.1085, 0.3222,
0.3382

48.9956, 0.3783,
0.3867

67.1382, 0.3071,
0.3233

45.2533, 0.4001,
0.4025

72.5111, 0.2936,
0.3094

41.8088, 0.4228,
0.4168

77.8162, 0.2853,
0.3029

■ 38.6513, 0.4454,
0.4284

■ 82.4181, 0.2857,
0.3116

■ 35.7685, 0.4669,
0.4362

■ 87.2306, 0.2862,
0.3200

■ 33.1470, 0.4861,
0.4391

■ 92.2565, 0.2866,
0.3284

■ 30.7703, 0.5020,
0.4368

■ 92.5903, 0.2866,
0.3289

■ 29.9045, 0.5077,
0.4351

Harmonies

Analogous

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



57.4114, 0.3442, 0.3444



57.4114, 0.3391, 0.3540



57.4114, 0.3269, 0.3570

Triad

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



57.4114, 0.3391, 0.3540



57.4114, 0.2856, 0.3258



57.4114, 0.3137, 0.3074

Complementary

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



57.4114, 0.3391, 0.3540



50.8757, 0.2874, 0.3027

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.



57.4114, 0.2982, 0.3024



57.4114, 0.3391, 0.3540



57.4114, 0.2822, 0.3125

Square

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



57.4114, 0.3391, 0.3540



57.4114, 0.2960, 0.3405



57.4114, 0.2868, 0.3041



57.4114, 0.3294, 0.3178

Rectangle

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



57.4114, 0.3391, 0.3540



57.4114, 0.3165, 0.3546



57.4114, 0.2868, 0.3041



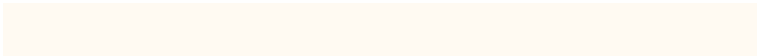
57.4114, 0.3083, 0.3050

Sweetspot

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



57.4140, 0.3391, 0.3540



96.1349, 0.3205, 0.3366



49.0103, 0.3318, 0.3135



20.4628, 0.3216, 0.3377



0.0000, 0.0000, 0.0000



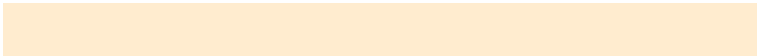
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4140, 0.3391, 0.3540



86.0084, 0.3447, 0.3590



63.0384, 0.3336, 0.3691



13.0067, 0.3275, 0.3433



18.2491, 0.5060, 0.4364



1.1712, 0.4860, 0.4523

Inverse Universe

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



50.8757, 0.2874, 0.3027



74.3111, 0.2822, 0.2971



45.9636, 0.2898, 0.2863



12.1480, 0.2982, 0.3142



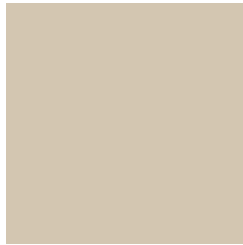
6.5443, 0.1673, 0.1224



0.5175, 0.1777, 0.1596

Previews

White Background



This preview shows how the Yxy color 57.4114, 0.3391, 0.3540 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 57.4114, 0.3391, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

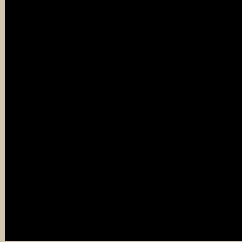
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

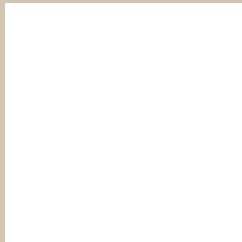
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4114, 0.3391, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 57.4114, 0.3391, 0.3540.

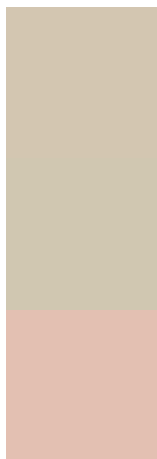


This preview shows how white text looks on a background with the Yxy color 57.4114, 0.3391, 0.3540.

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

57.4114, 0.3391, 0.3540

Protanopia

57.4311, 0.3364, 0.3554

Deuteranopia

57.2445, 0.3530, 0.3451



Tritanopia

57.1905, 0.3184, 0.3107

Trichromacy



Original Color

57.4114, 0.3391, 0.3540

Protanomaly

57.5765, 0.3372, 0.3553

Deuteranomaly

57.1701, 0.3475, 0.3476

Tritanomaly

57.3576, 0.3265, 0.3267

Monochromacy



Original Color

57.4114, 0.3391, 0.3540

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3049, 0.3218, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4114, 0.3391, 0.3540 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(211, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 177)  
}
```

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(211, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 177) }
```

Border

The CSS property to change the border of an element to Yxy 57.4114, 0.3391, 0.3540 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(211, 198, 177) }
```

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

```
.border{ border-color:rgb(211, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4114, 0.3391, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 177) }
```

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

```
.background{ background-color: rgb(211,  
198, 177) }
```

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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