

Converting Colors

$Yxy(58.1304, 0.3337, 0.3525)$

Have a look what the booklet for
Yxy(58.1304, 0.3337, 0.3525)
contains.

Yxy(58.0137, 0.3340, 0.3529)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.0137, 0.3340, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8B4
RGB	208, 200, 180
RGB Percent	82%, 78%, 71%
CMY	0.1842, 0.2157, 0.2942
CMYK	0.00, 0.04, 0.13, 0.18
HSL	43°, 23%, 76%
HSV	43°, 13%, 82%
XYZ	54.9067, 58.0137, 51.4709
YIQ	200.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

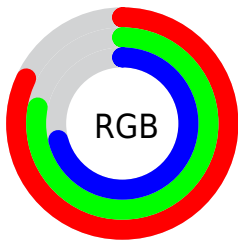
Format	Color
RYB	191, 208, 180
Decimal	13682868
CIELab	80.75, -0.59, 11.01
CIElCh	81, 11.021, 93.067
Yxy	58.0137, 0.3340, 0.3529
Android (android.graphics.Color)	4291872948 (0xFFD0C8B4)
YUV	200.1120, -9.9152, 6.9178
Hunter-Lab	76.1667, -4.6155, 13.2505

Details

The Yxy color **58.0137, 0.3340, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2197, 0.2916, 0.3039**, and the grayscale version is **57.8903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **28.8624, 0.3392, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **54.5296, 0.3514, 0.3714**, and if you desaturate by 10%, it is **61.7374, 0.3180, 0.3350**.

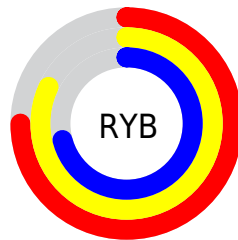
Distribution



Red (82%)

Green (78%)

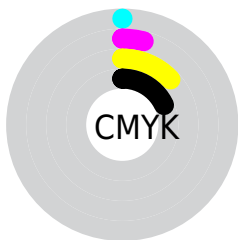
Blue (71%)



Red (75%)

Yellow (82%)

Blue (71%)

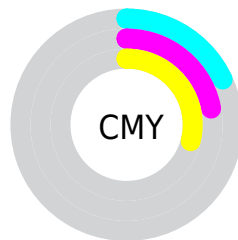


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (18%)



Cyan (18%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0137, 0.3340, 0.3529 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 58.0137, 0.3340, 0.3529 by changing the saturation by 10% instead.


 58.0137, 0.3340,
0.3529

 58.0137, 0.3340,
0.3529


417.2370, 0.3238,
0.3414

 41.8197, 0.3364,
0.3557

 101.9428, 0.3304,
0.3488

 28.9601, 0.3395,
0.3591


130.4467, 0.3290,
0.3472

 19.0506, 0.3435,
0.3636


163.8226, 0.3278,
0.3459

 11.7069, 0.3489,
0.3697

202.4550, 0.3268,
0.3448

 6.5444, 0.3565,
0.3783

246.7282, 0.3259,
0.3437

 3.1789, 0.3680,
0.3915

297.0267, 0.3251,

 1.2258, 0.3958,

0.3429

0.4228

353.7348, 0.3244,
0.3421

■ 0.0826, 0.4370,
0.5630

■ 0.0000, 0.0000,
0.0000

■ 58.0137, 0.3340,
0.3529

■ 58.0137, 0.3340,
0.3529

■ 54.5296, 0.3514,
0.3714

■ 61.7374, 0.3180,
0.3350

■ 51.2705, 0.3701,
0.3901

■ 65.6993, 0.3034,
0.3181

■ 48.2316, 0.3895,
0.4082

■ 69.9084, 0.2902,
0.3022

■ 45.4052, 0.4093,
0.4249

■ 73.8319, 0.2831,
0.2958

■ 42.7826, 0.4285,
0.4392

■ 77.0810, 0.2834,
0.3022

■ 40.3545, 0.4464,
0.4498

■ 80.4431, 0.2838,
0.3086

■ 38.1101, 0.4619,
0.4560

■ 83.9191, 0.2842,
0.3150

■ 36.0368, 0.4744,
0.4572

■ 87.5102, 0.2845,
0.3212

■ 34.7636, 0.4813,
0.4560

■ 91.2175, 0.2848,
0.3274

Harmonies

Analogous

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



58.0137, 0.3405, 0.3457



58.0137, 0.3340, 0.3529



58.0137, 0.3218, 0.3536

Triad

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



58.0137, 0.3340, 0.3529



58.0137, 0.2867, 0.3226



58.0137, 0.3176, 0.3116

Complementary

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



58.0137, 0.3340, 0.3529



50.2197, 0.2916, 0.3039

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.



58.0137, 0.3032, 0.3056



58.0137, 0.3340, 0.3529



58.0137, 0.2856, 0.3116

Square

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



58.0137, 0.3340, 0.3529



58.0137, 0.2946, 0.3358



58.0137, 0.2916, 0.3055



58.0137, 0.3310, 0.3221

Rectangle

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



58.0137, 0.3340, 0.3529



58.0137, 0.3122, 0.3502



58.0137, 0.2916, 0.3055



58.0137, 0.3128, 0.3091

Sweetspot

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



58.0163, 0.3340, 0.3529



97.5138, 0.3188, 0.3360



49.6937, 0.3302, 0.3189



20.7734, 0.3200, 0.3373



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.



58.0163, 0.3340, 0.3529



90.4271, 0.3386, 0.3579



61.0292, 0.3283, 0.3626



13.2026, 0.3273, 0.3455



21.8344, 0.4802, 0.4569



1.3527, 0.4665, 0.4678

Inverse Universe

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



50.2197, 0.2916, 0.3039



75.8656, 0.2871, 0.2984



47.5756, 0.2958, 0.2941



11.9604, 0.2982, 0.3119



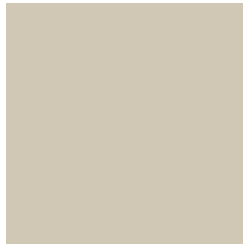
4.9620, 0.1605, 0.0976



0.4136, 0.1708, 0.1347

Previews

White Background



This preview shows how the Yxy color 58.0137, 0.3340, 0.3529 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 58.0137, 0.3340, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

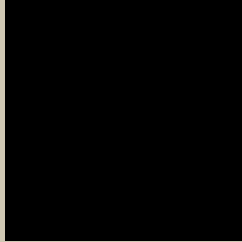
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

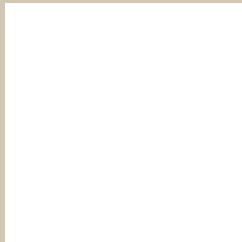
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0137, 0.3340, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 58.0137, 0.3340, 0.3529.

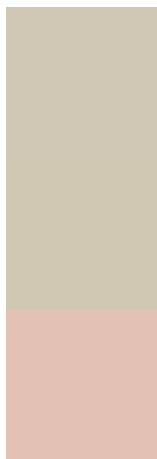


This preview shows how white text looks on a background with the Yxy color 58.0137, 0.3340, 0.3529.

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

58.0137, 0.3340, 0.3529

Protanopia

58.1592, 0.3348, 0.3528

Deuteranopia

57.8070, 0.3504, 0.3428



Tritanopia

57.7304, 0.3144, 0.3106

Trichromacy



Original Color

58.0137, 0.3340, 0.3529

Protanomaly

58.1592, 0.3348, 0.3528

Deuteranomaly

58.0317, 0.3438, 0.3464

Tritanomaly

57.9515, 0.3216, 0.3255

Monochromacy



Original Color

58.0137, 0.3340, 0.3529

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8553, 0.3202, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0137, 0.3340, 0.3529 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, 200, 180)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 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(208, 200, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 180) }
```

Border

The CSS property to change the border of an element to Yxy 58.0137, 0.3340, 0.3529 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, 200, 180) }
```

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

```
.border{ border-color:rgb(208, 200, 180) }
```

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

Here you see how a box with a 4 pixel rgb(208, 200, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 180);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0137, 0.3340, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 180) }
```

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

```
.background{ background-color: rgb(208,  
200, 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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