

Converting Colors

Yxy(54.4910, 0.3291, 0.3314)

Have a look what the booklet for
Yxy(54.4910, 0.3291, 0.3314)
contains.

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Color

Yxy(54.4910, 0.3291, 0.3314)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D1BFBD |
| RGB | 209, 191, 189 |
| RGB Percent | 82%, 75%, 74% |
| CMY | 0.1804, 0.2510, 0.2587 |
| CMYK | 0.00, 0.09, 0.10, 0.18 |
| HSL | 6°, 18%, 78% |
| HSV | 6°, 10%, 82% |
| XYZ | 54.1128, 54.4910, 55.8229 |
| YIQ | 196.1540, 11.3700, 3.1940 |

Conversions

Conversions Part 2

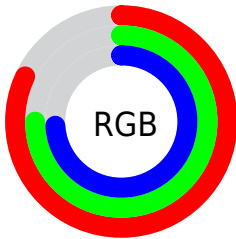
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 209, 191, 189 |
| Decimal | 13746109 |
| CIE Lab | 78.75, 6.01, 3.29 |
| CIE LCh | 79, 6.850, 28.662 |
| Yxy | 54.4910, 0.3291, 0.3314 |
| Android (android.graphics.Color) | 4291936189 (0xFFD1BFBD) |
| YUV | 196.1540, -3.5269, 11.2659 |
| Hunter-Lab | 73.8180, 1.6691, 6.8362 |

Details

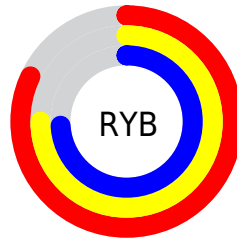
The Yxy color **54.4910, 0.3291, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0628, 0.2981, 0.3266**, and the grayscale version is **55.3177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3741, 0.3191, 0.3309**, and **26.8246, 0.3327, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **45.9578, 0.3501, 0.3341**, and if you desaturate by 10%, it is **64.2158, 0.3120, 0.3289**.

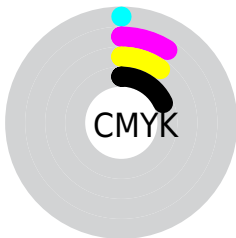
Distribution



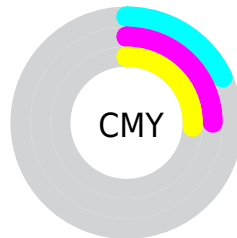
- Red (82%)
- Green (75%)
- Blue (74%)



- Red (82%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4910, 0.3291, 0.3314 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 54.4910, 0.3291, 0.3314 by changing the saturation by 10% instead.


 54.4910, 0.3291,
0.3314

 54.4910, 0.3291,
0.3314


403.9796, 0.3211,
0.3303

 38.9943, 0.3310,
0.3317


 96.7948, 0.3262,
0.3310

 26.7553, 0.3335,
0.3320

124.3707, 0.3251,
0.3309

 17.3896, 0.3368,
0.3324


156.7419, 0.3242,
0.3307

 10.5126, 0.3412,
0.3329


194.2926, 0.3234,
0.3306

 5.7401, 0.3476,
0.3336

237.4074, 0.3227,
0.3305

 2.6877, 0.3578,
0.3346

286.4705, 0.3221,

 0.9710, 0.3773,

0.3304

0.3367

341.8665, 0.3216,
0.3304

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4910, 0.3291,
0.3314

54.4910, 0.3291,
0.3314

45.9578, 0.3501,
0.3341

64.2158, 0.3120,
0.3289

38.5634, 0.3759,
0.3369

75.1680, 0.2982,
0.3266

32.2619, 0.4072,
0.3397

87.3909, 0.2868,
0.3245

27.0012, 0.4444,
0.3421

92.2956, 0.2855,
0.3289

■ 22.7253, 0.4869,
0.3439

■ 19.3728, 0.5321,
0.3443

■ 16.8752, 0.5752,
0.3430

■ 15.1546, 0.6100,
0.3398

■ 14.1135, 0.6322,
0.3357

Harmonies

Analogous

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



54.4910, 0.3232, 0.3235



54.4910, 0.3291, 0.3314



54.4910, 0.3305, 0.3388

Triad

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



54.4910, 0.3291, 0.3314



54.4910, 0.3107, 0.3414



54.4910, 0.2984, 0.3144

Complementary

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



54.4910, 0.3291, 0.3314



60.0628, 0.2981, 0.3266

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.



54.4910, 0.2952, 0.3189



54.4910, 0.3291, 0.3314



54.4910, 0.3022, 0.3346

Square

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



54.4910, 0.3291, 0.3314



54.4910, 0.3198, 0.3447



54.4910, 0.2966, 0.3263



54.4910, 0.3055, 0.3138

Rectangle

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



54.4910, 0.3291, 0.3314



54.4910, 0.3287, 0.3425



54.4910, 0.2966, 0.3263



54.4910, 0.2969, 0.3155

Sweetspot

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



54.4934, 0.3291, 0.3314



95.1979, 0.3176, 0.3297



54.4827, 0.3151, 0.3076



20.1079, 0.3189, 0.3299



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.



54.4934, 0.3291, 0.3314



83.2453, 0.3321, 0.3318



58.8541, 0.3279, 0.3428



11.9938, 0.3288, 0.3314



8.7484, 0.6316, 0.3367



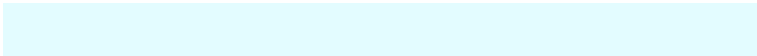
0.5550, 0.6083, 0.3552

Inverse Universe

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



60.0628, 0.2981, 0.3266



93.3035, 0.2957, 0.3262



55.5163, 0.2980, 0.3148



13.1986, 0.2983, 0.3266



25.1768, 0.2161, 0.2978



1.4670, 0.2178, 0.3040

Previews

White Background



This preview shows how the Yxy color 54.4910, 0.3291, 0.3314 looks on a white background.

Color Contrast Check

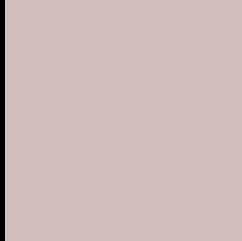
Large Text (above 18pt) WCAG AA × Fail

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 54.4910, 0.3291, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

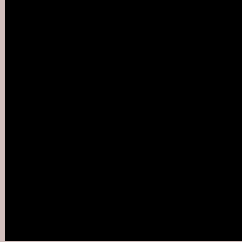
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4910, 0.3291, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 54.4910, 0.3291, 0.3314.



This preview shows how white text looks on a background with the Yxy color 54.4910, 0.3291, 0.3314.

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

54.4910, 0.3291, 0.3314

Protanopia

54.4873, 0.3190, 0.3327

Deuteranopia

54.7118, 0.3345, 0.3279



Tritanopia

54.6037, 0.3193, 0.3115

Trichromacy



Original Color

54.4910, 0.3291, 0.3314

Protanomaly

54.5541, 0.3231, 0.3326

Deuteranomaly

54.6908, 0.3318, 0.3291

Tritanomaly

54.6521, 0.3222, 0.3184

Monochromacy



Original Color

54.4910, 0.3291, 0.3314

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8513, 0.3191, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4910, 0.3291, 0.3314 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, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(209, 191, 189)  
}
```

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, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 191, 189) }
```

Border

The CSS property to change the border of an element to Yxy 54.4910, 0.3291, 0.3314 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, 191, 189) }
```

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

```
.border{ border-color:rgb(209, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(209, 191,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4910, 0.3291, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 191, 189) }
```

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

```
.background{ background-color: rgb(209,  
191, 189) }
```

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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