

Converting Colors

Yxy(54.9886, 0.3287, 0.3508)

Have a look what the booklet for
Yxy(54.9886, 0.3287, 0.3508)
contains.

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Color

Yxy(54.8363, 0.3287, 0.3511)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C7C4B2 |
| RGB | 199, 196, 178 |
| RGB Percent | 78%, 77%, 70% |
| CMY | 0.2195, 0.2314, 0.3019 |
| CMYK | 0.00, 0.02, 0.11, 0.22 |
| HSL | 51°, 16%, 74% |
| HSV | 51°, 11%, 78% |
| XYZ | 51.3378, 54.8363, 50.0102 |
| YIQ | 194.8450, 7.5660, -4.9620 |

Conversions

Conversions Part 2

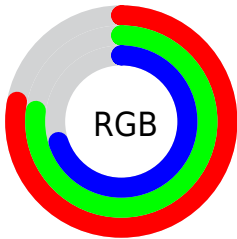
| Format | Color |
|-------------------------------------|--|
| RYB | 182, 199, 178 |
| Decimal | 13092018 |
| CIELab | 78.95, -2.06, 9.39 |
| CIElCh | 79, 9.614, 102.363 |
| Yxy | 54.8363, 0.3287, 0.3511 |
| Android (android.graphics.Color) | 4291282098 (0xFFC7C4B2) |
| YUV | 194.8450, -8.3046, 3.6439 |
| Hunter-Lab | 74.0515, -5.8413, 11.7950 |

Details

The Yxy color $54.8363, 0.3287, 0.3511$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.6686, 0.2964, 0.3059$, and the grayscale version is $54.5279, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4511, 0.3252, 0.3474$, and $26.8464, 0.3333, 0.3572$ is the 20% darker color. If you saturate the color by 10%, you get $52.8078, 0.3447, 0.3728$, and if you desaturate by 10%, it is $57.0106, 0.3135, 0.3301$.

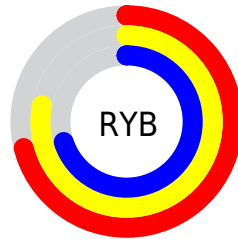
Distribution



Red (78%)

Green (77%)

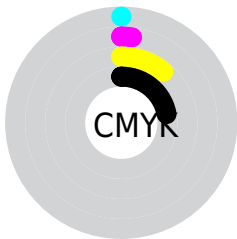
Blue (70%)



Red (71%)

Yellow (78%)

Blue (70%)

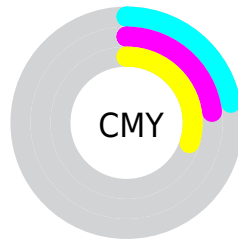


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (23%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8363, 0.3287, 0.3511 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 54.8363, 0.3287, 0.3511 by changing the saturation by 10% instead.


 54.8363, 0.3287,
0.3511

 54.8363, 0.3287,
0.3511


405.2911, 0.3209,
0.3403

 39.2707, 0.3306,
0.3537


 97.3011, 0.3259,
0.3472

 26.9704, 0.3329,
0.3571


124.9690, 0.3249,
0.3458

 17.5510, 0.3360,
0.3614


157.4398, 0.3240,
0.3445

 10.6281, 0.3402,
0.3674

195.0979, 0.3232,
0.3434

 5.8173, 0.3461,
0.3760

238.3277, 0.3225,
0.3425

 2.7343, 0.3553,
0.3896

287.5136, 0.3219,

 0.9947, 0.3864,

0.3417

0.4308

343.0399, 0.3214,
0.3410

0.0000, 0.0000,
0.0000

54.8363, 0.3287,
0.3511

54.8363, 0.3287,
0.3511

52.8078, 0.3447,
0.3728

57.0106, 0.3135,
0.3301

50.9129, 0.3614,
0.3946

59.3283, 0.2994,
0.3102

49.1484, 0.3781,
0.4158

61.7963, 0.2865,
0.2916

47.5084, 0.3944,
0.4355

64.2480, 0.2762,
0.2770

45.9864, 0.4095,
0.4528

65.6627, 0.2764,
0.2803

■ 44.5754, 0.4229,
0.4666

■ 67.1030, 0.2766,
0.2835

■ 43.2670, 0.4338,
0.4763

■ 68.5692, 0.2769,
0.2867

■ 42.0516, 0.4420,
0.4814

■ 70.0613, 0.2771,
0.2900

■ 40.9722, 0.4475,
0.4829

■ 71.5794, 0.2774,
0.2932

Harmonies

Analogous

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



54.8363, 0.3363, 0.3464



54.8363, 0.3287, 0.3511



54.8363, 0.3169, 0.3497

Triad

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



54.8363, 0.3287, 0.3511



54.8363, 0.2886, 0.3200



54.8363, 0.3211, 0.3161

Complementary

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



54.8363, 0.3287, 0.3511



46.6686, 0.2964, 0.3059

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.



54.8363, 0.3082, 0.3093



54.8363, 0.3287, 0.3511



54.8363, 0.2896, 0.3113

Square

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



54.8363, 0.3287, 0.3511



54.8363, 0.2938, 0.3315



54.8363, 0.2967, 0.3075



54.8363, 0.3319, 0.3262

Rectangle

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



54.8363, 0.3287, 0.3511



54.8363, 0.3083, 0.3455



54.8363, 0.2967, 0.3075



54.8363, 0.3168, 0.3134

Sweetspot

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



54.8387, 0.3287, 0.3511



98.8120, 0.3172, 0.3353



47.3410, 0.3286, 0.3251



21.0827, 0.3184, 0.3370



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.



54.8387, 0.3287, 0.3511



95.0199, 0.3328, 0.3568



55.2438, 0.3223, 0.3552



12.1449, 0.3269, 0.3486



26.4346, 0.4471, 0.4832



1.3252, 0.4404, 0.4885

Inverse Universe

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



46.6686, 0.2964, 0.3059



77.4742, 0.2920, 0.2996



46.3371, 0.3024, 0.3024



10.5313, 0.2983, 0.3086



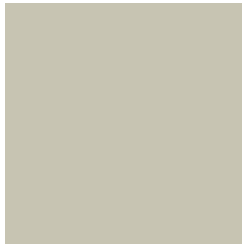
3.2902, 0.1535, 0.0727



0.2378, 0.1623, 0.1043

Previews

White Background



This preview shows how the Yxy color 54.8363, 0.3287, 0.3511 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 54.8363, 0.3287, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

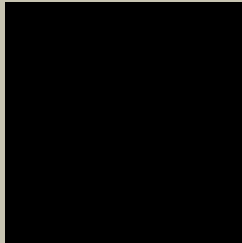
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8363, 0.3287, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 54.8363, 0.3287, 0.3511.



This preview shows how white text looks on a background with the Yxy color 54.8363, 0.3287, 0.3511.

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

54.8363, 0.3287, 0.3511

Protanopia

54.9010, 0.3329, 0.3510

Deuteranopia

54.9061, 0.3460, 0.3396



Tritanopia

54.9008, 0.3103, 0.3113

Trichromacy



Original Color

54.8363, 0.3287, 0.3511

Protanomaly

54.7611, 0.3321, 0.3510

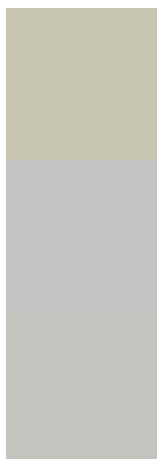
Deuteranomaly

54.9510, 0.3394, 0.3445

Tritanomaly

54.6820, 0.3177, 0.3254

Monochromacy



Original Color

54.8363, 0.3287, 0.3511

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4401, 0.3180, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8363, 0.3287, 0.3511 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(199, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 178)  
}
```

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(199, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 178) }
```

Border

The CSS property to change the border of an element to Yxy 54.8363, 0.3287, 0.3511 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(199, 196, 178) }
```

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

```
.border{ border-color:rgb(199, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8363, 0.3287, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 178) }
```

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

```
.background{ background-color: rgb(199,  
196, 178) }
```

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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