

Converting Colors

Yxy(53.3387, 0.3279, 0.3509)

Have a look what the booklet for
Yxy(53.3387, 0.3279, 0.3509)
contains.

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Color

Yxy(53.4539, 0.3280, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	C4C2B0
RGB	196, 194, 176
RGB Percent	77%, 76%, 69%
CMY	0.2314, 0.2392, 0.3097
CMYK	0.00, 0.01, 0.10, 0.23
HSL	54°, 14%, 73%
HSV	54°, 10%, 77%
XYZ	49.8944, 53.4539, 48.7687
YIQ	192.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

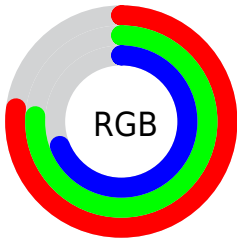
Format	Color
RYB	178, 196, 176
Decimal	12894896
CIELab	78.14, -2.44, 9.29
CIELCh	78, 9.607, 104.730
Yxy	53.4539, 0.3280, 0.3514
Android (android.graphics.Color)	4291084976 (0xFFC4C2B0)
YUV	192.5460, -8.1572, 3.0292
Hunter-Lab	73.1122, -6.1315, 11.6298

Details

The Yxy color **53.4539, 0.3280, 0.3514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0630, 0.2970, 0.3056**, and the grayscale version is **53.0955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0801, 0.3254, 0.3466**, and **25.9622, 0.3314, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **51.8689, 0.3437, 0.3741**, and if you desaturate by 10%, it is **55.1672, 0.3130, 0.3294**.

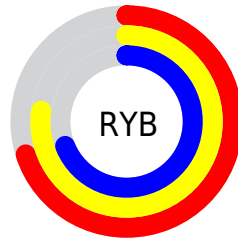
Distribution



Red (77%)

Green (76%)

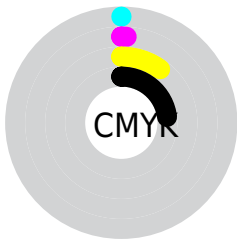
Blue (69%)



Red (70%)

Yellow (77%)

Blue (69%)

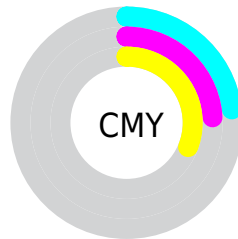


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4539, 0.3280, 0.3514 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 53.4539, 0.3280, 0.3514 by changing the saturation by 10% instead.


 53.4539, 0.3280,
0.3514

 53.4539, 0.3280,
0.3514

400.0241, 0.3206,
0.3404

 38.1652, 0.3298,
0.3541


 95.2719, 0.3253,
0.3474

 26.1110, 0.3321,
0.3575


122.5701, 0.3243,
0.3459

 16.9067, 0.3350,
0.3620

154.6402, 0.3235,
0.3447

 10.1680, 0.3391,
0.3682

191.8667, 0.3227,
0.3436

 5.5105, 0.3449,
0.3772

234.6340, 0.3221,
0.3426

 2.5498, 0.3539,
0.3915

283.3264, 0.3215,

 0.9015, 0.3926,

0.3418

0.4440

338.3283, 0.3210,
0.3411

0.0000, 0.0000,
0.0000

53.4539, 0.3280,
0.3514

53.4539, 0.3280,
0.3514

51.8689, 0.3437,
0.3741

55.1672, 0.3130,
0.3294

50.4002, 0.3598,
0.3968

57.0061, 0.2989,
0.3085

49.0451, 0.3758,
0.4189

58.9775, 0.2859,
0.2890

47.7979, 0.3911,
0.4394

61.0852, 0.2740,
0.2708

46.6526, 0.4051,
0.4573

62.0474, 0.2739,
0.2725

■ 45.6024, 0.4171,
0.4718

■ 62.9837, 0.2740,
0.2747

■ 44.6394, 0.4267,
0.4821

■ 63.9317, 0.2742,
0.2769

■ 43.7546, 0.4336,
0.4881

■ 64.8915, 0.2744,
0.2792

■ 42.9460, 0.4381,
0.4903

■ 65.8631, 0.2746,
0.2814

Harmonies

Analogous

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



53.4539, 0.3361, 0.3471



53.4539, 0.3280, 0.3514



53.4539, 0.3159, 0.3495

Triad

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



53.4539, 0.3280, 0.3514



53.4539, 0.2882, 0.3191



53.4539, 0.3221, 0.3167

Complementary

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



53.4539, 0.3280, 0.3514



45.0630, 0.2970, 0.3056

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.



53.4539, 0.3091, 0.3095



53.4539, 0.3280, 0.3514



53.4539, 0.2898, 0.3107

Square

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



53.4539, 0.3280, 0.3514



53.4539, 0.2931, 0.3305



53.4539, 0.2974, 0.3073



53.4539, 0.3327, 0.3270

Rectangle

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



53.4539, 0.3280, 0.3514



53.4539, 0.3072, 0.3449



53.4539, 0.2974, 0.3073



53.4539, 0.3179, 0.3138

Sweetspot

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



53.4562, 0.3280, 0.3514



99.0300, 0.3172, 0.3356



46.0070, 0.3288, 0.3265



21.1418, 0.3184, 0.3374



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.



53.4562, 0.3280, 0.3514



96.2471, 0.3311, 0.3559



53.3080, 0.3212, 0.3543



11.5806, 0.3267, 0.3495



27.6660, 0.4378, 0.4906



1.2461, 0.4332, 0.4942

Inverse Universe

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



45.0630, 0.2970, 0.3056



78.3211, 0.2937, 0.3006



45.2332, 0.3036, 0.3034



9.9064, 0.2983, 0.3076



2.9333, 0.1522, 0.0677



0.1826, 0.1592, 0.0930

Previews

White Background



This preview shows how the Yxy color 53.4539, 0.3280, 0.3514 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 53.4539, 0.3280, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

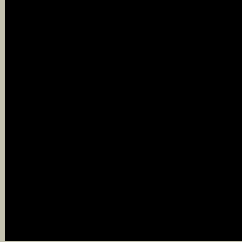
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

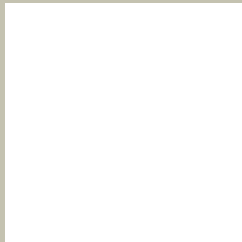
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4539, 0.3280, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 53.4539, 0.3280, 0.3514.



This preview shows how white text looks on a background with the Yxy color 53.4539, 0.3280, 0.3514.

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

53.4539, 0.3280, 0.3514

Protanopia

53.6526, 0.3331, 0.3512

Deuteranopia

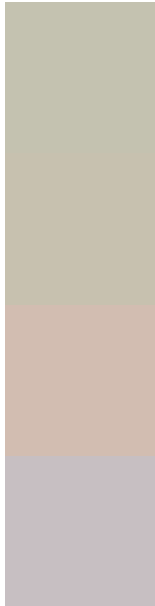
53.2376, 0.3466, 0.3385



Tritanopia

53.5140, 0.3095, 0.3110

Trichromacy



Original Color

53.4539, 0.3280, 0.3514

Protanomaly

53.3772, 0.3314, 0.3513

Deuteranomaly

53.2712, 0.3399, 0.3435

Tritanomaly

53.2988, 0.3170, 0.3254

Monochromacy



Original Color

53.4539, 0.3280, 0.3514

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1971, 0.3180, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4539, 0.3280, 0.3514 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(196, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 176)  
}
```

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(196, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.4539, 0.3280, 0.3514 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(196, 194, 176) }
```

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

```
.border{ border-color:rgb(196, 194, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 194, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(196, 194,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4539, 0.3280, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 176) }
```

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

```
.background{ background-color: rgb(196,  
194, 176) }
```

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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