

Converting Colors

Yxy(54.4522, 0.3142, 0.3372)

Have a look what the booklet for
Yxy(54.4522, 0.3142, 0.3372)
contains.

Yxy(54.4040, 0.3140, 0.3364)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.4040, 0.3140, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	C0C4BE
RGB	192, 196, 190
RGB Percent	75%, 77%, 75%
CMY	0.2469, 0.2314, 0.2549
CMYK	0.02, 0.00, 0.03, 0.23
HSL	99°, 5%, 76%
HSV	99°, 3%, 77%
XYZ	50.7814, 54.4040, 56.5388
YIQ	194.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

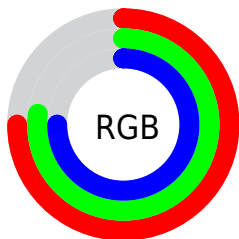
Format	Color
RYB	190, 196, 194
Decimal	12633278
CIELab	78.70, -2.46, 2.52
CIELCh	79, 3.517, 134.299
Yxy	54.4040, 0.3140, 0.3364
Android (android.graphics.Color)	4290823358 (0xFFC0C4BE)
YUV	194.1200, -2.0312, -1.8592
Hunter-Lab	73.7591, -6.1853, 6.1836

Details

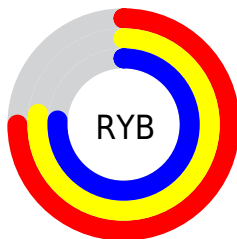
The Yxy color `54.4040, 0.3140, 0.3364` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.2734, 0.3114, 0.3216`, and the grayscale version is `54.0410, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.8608, 0.3136, 0.3358`, and `26.6411, 0.3145, 0.3373` is the 20% darker color. If you saturate the color by 10%, you get `51.9956, 0.3181, 0.3623`, and if you desaturate by 10%, it is `57.0798, 0.3098, 0.3131`.

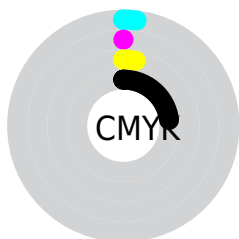
Distribution



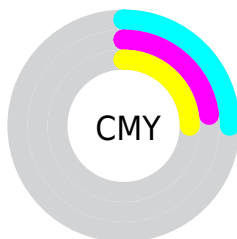
- Red (75%)
- Green (77%)
- Blue (75%)



- Red (75%)
- Yellow (77%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4040, 0.3140, 0.3364 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 54.4040, 0.3140, 0.3364 by changing the saturation by 10% instead.

■ 54.4040, 0.3140,
0.3364

■ 54.4040, 0.3140,
0.3364

403.6487, 0.3134,
0.3328

■ 38.9247, 0.3141,
0.3373

■ 96.6672, 0.3138,
0.3351

■ 26.7012, 0.3143,
0.3384

124.2199, 0.3137,
0.3346

■ 17.3489, 0.3146,
0.3399

156.5659, 0.3136,
0.3342

■ 10.4836, 0.3149,
0.3419

194.0895, 0.3136,
0.3338

■ 5.7208, 0.3154,
0.3448

237.1752, 0.3135,
0.3335

■ 2.6760, 0.3161,
0.3495

286.2074, 0.3135,

■ 0.9650, 0.3176,

0.3332

0.3584

341.5704, 0.3134,
0.3330

0.0000, 0.0000,
0.0000

54.4040, 0.3140,
0.3364

54.4040, 0.3140,
0.3364

51.9956, 0.3181,
0.3623

57.0798, 0.3098,
0.3131

49.8393, 0.3221,
0.3907

60.0238, 0.3057,
0.2923

47.9285, 0.3255,
0.4211

63.2461, 0.3017,
0.2739

46.2540, 0.3283,
0.4527

65.8608, 0.3070,
0.2697

44.8057, 0.3299,
0.4845

67.9557, 0.3154,
0.2712

■ 43.5731, 0.3301,
0.5147

■ 42.5442, 0.3288,
0.5415

■ 41.7061, 0.3257,
0.5631

■ 41.0436, 0.3212,
0.5784

Harmonies

Analogous

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



54.4040, 0.3184, 0.3371



54.4040, 0.3140, 0.3364



54.4040, 0.3093, 0.3337

Triad

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



54.4040, 0.3140, 0.3364



54.4040, 0.3043, 0.3224



54.4040, 0.3199, 0.3283

Complementary

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



54.4040, 0.3140, 0.3364



52.2734, 0.3114, 0.3216

Split Complementary

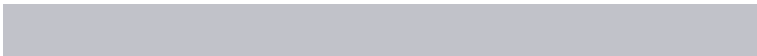
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.4040, 0.3161, 0.3244



54.4040, 0.3140, 0.3364



54.4040, 0.3071, 0.3210

Square

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



54.4040, 0.3140, 0.3364



54.4040, 0.3037, 0.3256



54.4040, 0.3114, 0.3218



54.4040, 0.3218, 0.3324

Rectangle

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



54.4040, 0.3140, 0.3364



54.4040, 0.3067, 0.3311



54.4040, 0.3114, 0.3218



54.4040, 0.3188, 0.3269

Sweetspot

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



54.4063, 0.3140, 0.3364



99.5201, 0.3131, 0.3314



53.9886, 0.3173, 0.3338



21.3065, 0.3131, 0.3313



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.



54.4063, 0.3140, 0.3364



98.1099, 0.3144, 0.3389



54.1799, 0.3117, 0.3353



11.6691, 0.3147, 0.3404



26.1790, 0.3187, 0.5852



1.1696, 0.3370, 0.5706

Inverse Universe

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



52.2734, 0.3114, 0.3216



93.0079, 0.3109, 0.3192



52.5056, 0.3137, 0.3228



10.9709, 0.3107, 0.3177



5.6053, 0.2371, 0.1080



0.2790, 0.2562, 0.1185

Previews

White Background



This preview shows how the Yxy color 54.4040, 0.3140, 0.3364 looks on a white background.

Color Contrast Check

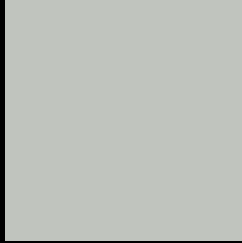
Large Text (above 18pt) WCAG AA × Fail

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 54.4040, 0.3140, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

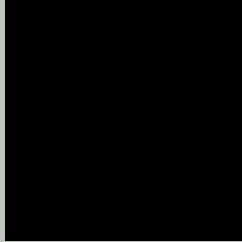
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

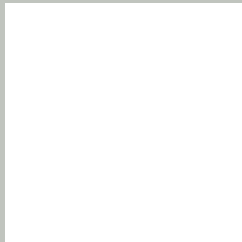
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4040, 0.3140, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 54.4040, 0.3140, 0.3364.



This preview shows how white text looks on a background with the Yxy color 54.4040, 0.3140, 0.3364.

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

54.4040, 0.3140, 0.3364

Protanopia

54.3998, 0.3205, 0.3351

Deuteranopia

54.0684, 0.3313, 0.3244



Tritanopia

54.2961, 0.3033, 0.3109

Trichromacy



Original Color

54.4040, 0.3140, 0.3364

Protanomaly

54.4401, 0.3180, 0.3364

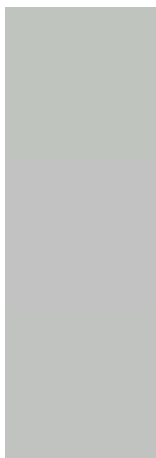
Deuteranomaly

54.1450, 0.3250, 0.3290

Tritanomaly

54.2700, 0.3076, 0.3205

Monochromacy



Original Color

54.4040, 0.3140, 0.3364

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2179, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4040, 0.3140, 0.3364 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(192, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 196, 190)  
}
```

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(192, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 196, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.4040, 0.3140, 0.3364 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(192, 196, 190) }
```

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

```
.border{ border-color:rgb(192, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 196,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4040, 0.3140, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 196, 190) }
```

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

```
.background{ background-color: rgb(192,  
196, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor