

Converting Colors

Yxy(55.1601, 0.3142, 0.3330)

Have a look what the booklet for
Yxy(55.1601, 0.3142, 0.3330)
contains.

Yxy(54.9322, 0.3141, 0.3327)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(54.9322, 0.3141, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	C3C4C1
RGB	195, 196, 193
RGB Percent	76%, 77%, 76%
CMY	0.2355, 0.2313, 0.2432
CMYK	0.01, 0.00, 0.02, 0.23
HSL	81°, 3%, 76%
HSV	81°, 2%, 77%
XYZ	51.8611, 54.9322, 58.3170
YIQ	195.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

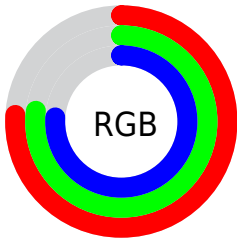
Format	Color
RYB	193, 196, 194
Decimal	12829889
CIELab	79.00, -0.92, 1.38
CIElCh	79, 1.654, 123.700
Yxy	54.9322, 0.3141, 0.3327
Android (android.graphics.Color)	4291019969 (0xFFC3C4C1)
YUV	195.3590, -1.1630, -0.3148
Hunter-Lab	74.1163, -4.8022, 5.2302

Details

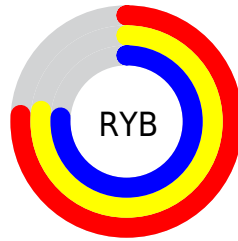
The Yxy color $54.9322, 0.3141, 0.3327$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.6008, 0.3113, 0.3253$, and the grayscale version is $54.8025, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7856, 0.3144, 0.3328$, and $26.9022, 0.3136, 0.3323$ is the 20% darker color. If you saturate the color by 10%, you get $53.2174, 0.3232, 0.3577$, and if you desaturate by 10%, it is $56.8103, 0.3053, 0.3095$.

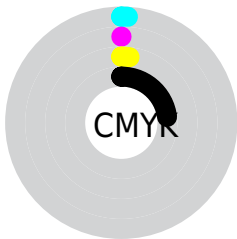
Distribution



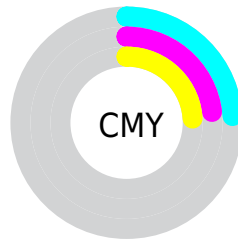
- Red (76%)
- Green (77%)
- Blue (76%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9322, 0.3141, 0.3327 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 54.9322, 0.3141, 0.3327 by changing the saturation by 10% instead.

■ 54.9322, 0.3141,
0.3327

■ 54.9322, 0.3141,
0.3327

405.6549, 0.3134,
0.3309

■ 39.3474, 0.3143,
0.3331

■ 97.4416, 0.3139,
0.3321

■ 27.0301, 0.3145,
0.3337

125.1351, 0.3138,
0.3318

■ 17.5958, 0.3147,
0.3344

157.6335, 0.3137,
0.3316

■ 10.6602, 0.3151,
0.3354

195.3214, 0.3136,
0.3314

■ 5.8388, 0.3156,
0.3368

238.5831, 0.3136,
0.3313

■ 2.7473, 0.3164,
0.3391

287.8029, 0.3135,

■ 1.0013, 0.3179,

0.3311

0.3431

343.3654, 0.3135,
0.3310

0.0000, 0.0000,
0.0000

54.9322, 0.3141,
0.3327

54.9322, 0.3141,
0.3327

53.2174, 0.3232,
0.3577

56.8103, 0.3053,
0.3095

51.6537, 0.3322,
0.3843

58.8495, 0.2968,
0.2884

50.2382, 0.3409,
0.4120


61.0568, 0.2888,
0.2692


48.9649, 0.3488,
0.4400

62.3347, 0.2917,
0.2670


47.8278, 0.3555,
0.4673


63.4529, 0.2967,
0.2679

 46.8201, 0.3604,
0.4927


 64.6165, 0.3017,
0.2688


 45.9342, 0.3632,
0.5149

 65.8259, 0.3068,
0.2697

 45.1616, 0.3636,
0.5328

 67.0817, 0.3119,
0.2706

 44.4923, 0.3616,
0.5458

 67.9688, 0.3154,
0.2713

Harmonies

Analogous

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



54.9322, 0.3159, 0.3327



54.9322, 0.3141, 0.3327



54.9322, 0.3119, 0.3317

Triad

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



54.9322, 0.3141, 0.3327



54.9322, 0.3085, 0.3264



54.9322, 0.3155, 0.3280

Complementary

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



54.9322, 0.3141, 0.3327



53.6008, 0.3113, 0.3253

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.



54.9322, 0.3136, 0.3263



54.9322, 0.3141, 0.3327



54.9322, 0.3095, 0.3254

Square

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



54.9322, 0.3141, 0.3327



54.9322, 0.3087, 0.3281



54.9322, 0.3113, 0.3254



54.9322, 0.3168, 0.3300

Rectangle

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



54.9322, 0.3141, 0.3327



54.9322, 0.3105, 0.3307



54.9322, 0.3113, 0.3254



54.9322, 0.3149, 0.3274

Sweetspot

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



54.9346, 0.3141, 0.3327

100.0000, 0.3127, 0.3290



54.1954, 0.3151, 0.3303



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.9346, 0.3141, 0.3327



99.3363, 0.3145, 0.3339



54.7351, 0.3129, 0.3327



11.8550, 0.3144, 0.3335



28.3098, 0.3592, 0.5530



1.2605, 0.3729, 0.5421

Inverse Universe

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



53.6008, 0.3113, 0.3253



96.1683, 0.3109, 0.3241



53.8011, 0.3125, 0.3253



11.5064, 0.3110, 0.3245



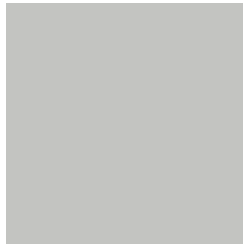
3.4209, 0.1782, 0.0755



0.1866, 0.2044, 0.0900

Previews

White Background



This preview shows how the Yxy color 54.9322, 0.3141, 0.3327 looks on a white background.

Color Contrast Check

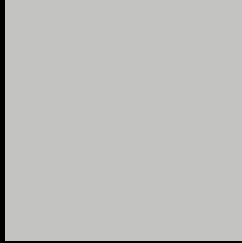
Large Text (above 18pt) WCAG AA × Fail

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 54.9322, 0.3141, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

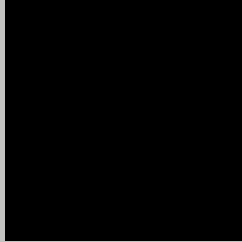
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

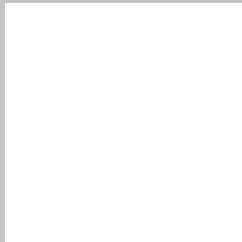
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9322, 0.3141, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 54.9322, 0.3141, 0.3327.



This preview shows how white text looks on a background with the Yxy color 54.9322, 0.3141, 0.3327.

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

54.9322, 0.3141, 0.3327

Protanopia

55.1153, 0.3190, 0.3326

Deuteranopia

54.7373, 0.3304, 0.3232



Tritanopia

55.0573, 0.3041, 0.3111

Trichromacy



Original Color

54.9322, 0.3141, 0.3327

Protanomaly

54.8418, 0.3174, 0.3327

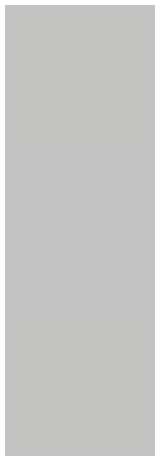
Deuteranomaly

55.0042, 0.3243, 0.3267

Tritanomaly

55.0778, 0.3076, 0.3193

Monochromacy



Original Color

54.9322, 0.3141, 0.3327

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5274, 0.3135, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9322, 0.3141, 0.3327 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(195, 196, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 193)  
}
```

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(195, 196, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.9322, 0.3141, 0.3327 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(195, 196, 193) }
```

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

```
.border{ border-color:rgb(195, 196, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
193) }
```

Background

The CSS property to change the background color of an element to Yxy 54.9322, 0.3141, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 193) }
```

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

```
.background{ background-color: rgb(195,  
196, 193) }
```

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