

Converting Colors

Yxy(54.7378, 0.3033, 0.3121)

Have a look what the booklet for
Yxy(54.7378, 0.3033, 0.3121)
contains.

Yxy(54.7397, 0.3033, 0.3122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7397, 0.3033, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	C3C2D0
RGB	195, 194, 208
RGB Percent	76%, 76%, 82%
CMY	0.2353, 0.2392, 0.1844
CMYK	0.06, 0.07, 0.00, 0.18
HSL	244°, 13%, 79%
HSV	244°, 7%, 82%
XYZ	53.1792, 54.7397, 67.4164
YIQ	195.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

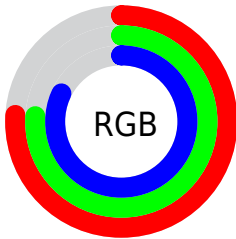
Format	Color
R _Y B	195, 194, 208
Decimal	12829392
CIE Lab	78.89, 2.99, -6.86
CIE LCh	79, 7.483, 293.581
Yxy	54.7397, 0.3033, 0.3122
Android (android.graphics.Color)	4291019472 (0xFFC3C2D0)
YUV	195.8950, 5.9678, -0.7849
Hunter-Lab	73.9863, -1.1753, -2.2348

Details

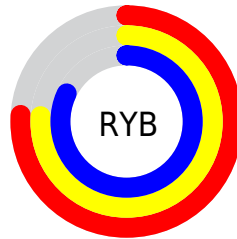
The Yxy color `54.7397, 0.3033, 0.3122` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `62.2539, 0.3218, 0.3453`, and the grayscale version is `55.1013, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.2867, 0.3111, 0.3242`, and `26.7520, 0.3001, 0.3064` is the 20% darker color. If you saturate the color by 10%, you get `43.7139, 0.2876, 0.2845`, and if you desaturate by 10%, it is `67.3985, 0.3170, 0.3367`.

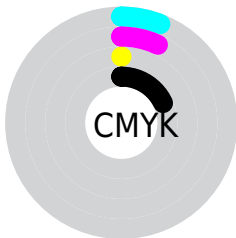
Distribution



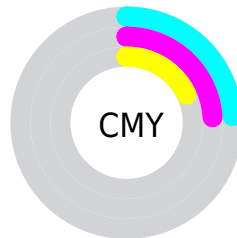
- Red (76%)
- Green (76%)
- Blue (82%)



- Red (76%)
- Yellow (76%)
- Blue (82%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7397, 0.3033, 0.3122 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 54.7397, 0.3033, 0.3122 by changing the saturation by 10% instead.

■ 54.7397, 0.3033,
0.3122

■ 54.7397, 0.3033,
0.3122

404.9245, 0.3079,
0.3203

■ 39.1934, 0.3022,
0.3103

■ 97.1595, 0.3049,
0.3151

■ 26.9102, 0.3008,
0.3078

124.8017, 0.3056,
0.3162

■ 17.5058, 0.2989,
0.3046

157.2446, 0.3061,
0.3171

■ 10.5958, 0.2964,
0.3003

194.8728, 0.3066,
0.3179

■ 5.7957, 0.2927,
0.2941

238.0704, 0.3070,
0.3187

■ 2.7213, 0.2870,
0.2846

287.2220, 0.3073,

■ 0.9880, 0.2767,

0.3193

0.2680

342.7119, 0.3076,
0.3198

0.0000, 0.0000,
0.0000

54.7397, 0.3033,
0.3122

54.7397, 0.3033,
0.3122

43.7139, 0.2876,
0.2845

67.3985, 0.3170,
0.3367

34.2481, 0.2700,
0.2536

81.7458, 0.3288,
0.3581

26.2737, 0.2506,
0.2202

96.9470, 0.3392,
0.3753

19.7148, 0.2302,
0.1854

97.3325, 0.3406,
0.3751

14.4883, 0.2096,
0.1509

■ 10.5028, 0.1903,
0.1193

■ 7.6553, 0.1737,
0.0930

■ 5.8260, 0.1613,
0.0741

■ 4.8618, 0.1536,
0.0635

Harmonies

Analogous

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



54.7397, 0.2962, 0.3136



54.7397, 0.3033, 0.3122



54.7397, 0.3130, 0.3152

Triad

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



54.7397, 0.3033, 0.3122



54.7397, 0.3323, 0.3384



54.7397, 0.3027, 0.3365

Complementary

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



54.7397, 0.3033, 0.3122



62.2539, 0.3218, 0.3453

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.



54.7397, 0.3122, 0.3435



54.7397, 0.3033, 0.3122



54.7397, 0.3294, 0.3444

Square

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



54.7397, 0.3033, 0.3122



54.7397, 0.3298, 0.3301



54.7397, 0.3220, 0.3463



54.7397, 0.2959, 0.3275

Rectangle

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



54.7397, 0.3033, 0.3122



54.7397, 0.3196, 0.3192



54.7397, 0.3220, 0.3463



54.7397, 0.3057, 0.3392

Sweetspot

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



54.7420, 0.3033, 0.3122



95.9016, 0.3100, 0.3241



60.6670, 0.3024, 0.3279



20.5698, 0.3101, 0.3243



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.



54.7420, 0.3033, 0.3122



84.2493, 0.3013, 0.3086



55.6851, 0.3087, 0.3125



11.4572, 0.2993, 0.3050



2.9162, 0.1525, 0.0613



0.1774, 0.1603, 0.0657

Inverse Universe

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



56.4965, 0.3142, 0.3139



87.5748, 0.3145, 0.3107



61.2792, 0.3165, 0.3456



11.9939, 0.3149, 0.3077



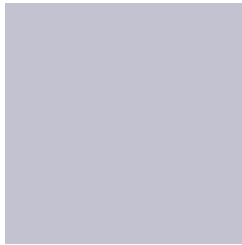
10.7696, 0.3395, 0.1644



0.6066, 0.3357, 0.1623

Previews

White Background



This preview shows how the Yxy color 54.7397, 0.3033, 0.3122 looks on a white background.

Color Contrast Check

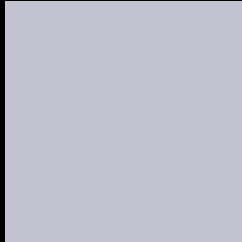
Large Text (above 18pt) WCAG AA × Fail

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 54.7397, 0.3033, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

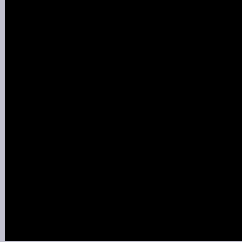
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

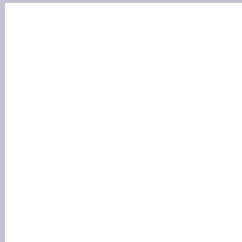
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7397, 0.3033, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 54.7397, 0.3033, 0.3122.

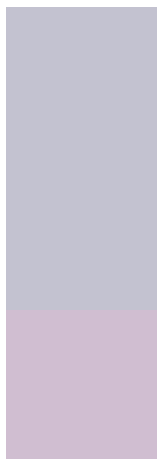


This preview shows how white text looks on a background with the Yxy color 54.7397, 0.3033, 0.3122.

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

54.7397, 0.3033, 0.3122

Protanopia

54.7397, 0.3033, 0.3122

Deuteranopia

54.8403, 0.3129, 0.3068



Tritanopia

54.7891, 0.3026, 0.3110

Trichromacy



Original Color

54.7397, 0.3033, 0.3122

Protanomaly

54.7397, 0.3033, 0.3122

Deuteranomaly

54.5616, 0.3089, 0.3077

Tritanomaly

54.7891, 0.3026, 0.3110

Monochromacy



Original Color

54.7397, 0.3033, 0.3122

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9361, 0.3098, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7397, 0.3033, 0.3122 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, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 208)  
}
```

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, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.7397, 0.3033, 0.3122 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, 194, 208) }
```

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

```
.border{ border-color:rgb(195, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7397, 0.3033, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 208) }
```

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

```
.background{ background-color: rgb(195,  
194, 208) }
```

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