

Converting Colors

Yxy(54.2638, 0.3006, 0.3083)

Have a look what the booklet for
Yxy(54.2638, 0.3006, 0.3083)
contains.

Yxy(54.2624, 0.3011, 0.3085)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2624, 0.3011, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	C2C1D2
RGB	194, 193, 210
RGB Percent	76%, 76%, 82%
CMY	0.2390, 0.2432, 0.1764
CMYK	0.08, 0.08, 0.00, 0.18
HSL	244°, 16%, 79%
HSV	244°, 8%, 82%
XYZ	52.9608, 54.2624, 68.6679
YIQ	195.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

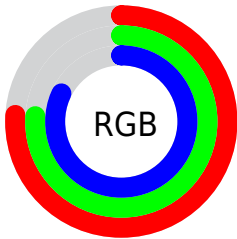
Format	Color
R_{YB}	194, 193, 210
Decimal	12763602
CIE Lab	78.61, 3.62, -8.38
CIE LCh	79, 9.132, 293.360
Yxy	54.2624, 0.3011, 0.3085
Android (android.graphics.Color)	4290953682 (0xFFC2C1D2)
YUV	195.2370, 7.2782, -1.0848
Hunter-Lab	73.6630, -0.5758, -3.7054

Details

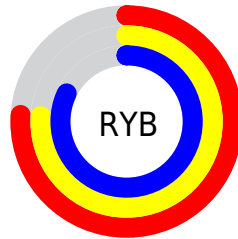
The Yxy color **54.2624, 0.3011, 0.3085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5038, 0.3239, 0.3488**, and the grayscale version is **54.6849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4806, 0.3105, 0.3232**, and **26.7319, 0.2971, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **43.1924, 0.2850, 0.2803**, and if you desaturate by 10%, it is **67.0013, 0.3152, 0.3335**.

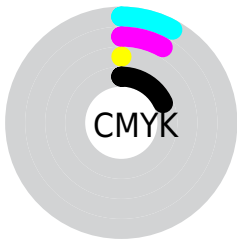
Distribution



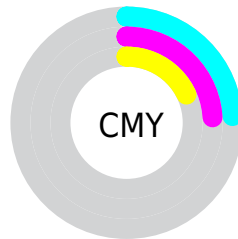
- Red (76%)
- Green (76%)
- Blue (82%)



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



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2624, 0.3011, 0.3085 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 54.2624, 0.3011, 0.3085 by changing the saturation by 10% instead.

■ 54.2624, 0.3011,
0.3085

■ 54.2624, 0.3011,
0.3085

403.1098, 0.3068,
0.3184

■ 38.8115, 0.2997,
0.3061

□ 96.4594, 0.3031,
0.3120

■ 26.6131, 0.2980,
0.3031

123.9743, 0.3039,
0.3134

■ 17.2829, 0.2957,
0.2993

156.2793, 0.3046,
0.3145

■ 10.4364, 0.2925,
0.2940

193.7588, 0.3051,
0.3155

■ 5.6892, 0.2880,
0.2865

236.7972, 0.3056,
0.3164

■ 2.6571, 0.2809,
0.2750

285.7789, 0.3061,

■ 0.9554, 0.2681,

0.3171

0.2550

341.0883, 0.3064,
0.3178

0.0000, 0.0000,
0.0000

54.2624, 0.3011,
0.3085

54.2624, 0.3011,
0.3085

43.1924, 0.2850,
0.2803

67.0013, 0.3152,
0.3335

33.7155, 0.2669,
0.2489

81.4669, 0.3275,
0.3553

25.7605, 0.2471,
0.2151

97.0855, 0.3381,
0.3732

19.2480, 0.2265,
0.1801

97.4342, 0.3394,
0.3730

14.0915, 0.2059,
0.1458

■ 10.1951, 0.1869,
0.1147

■ 7.4505, 0.1709,
0.0894

■ 5.7309, 0.1593,
0.0717

■ 4.8569, 0.1525,
0.0622

Harmonies

Analogous

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



54.2624, 0.2925, 0.3102



54.2624, 0.3011, 0.3085



54.2624, 0.3129, 0.3121

Triad

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



54.2624, 0.3011, 0.3085



54.2624, 0.3367, 0.3404



54.2624, 0.3005, 0.3383

Complementary

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



54.2624, 0.3011, 0.3085



63.5038, 0.3239, 0.3488

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.



54.2624, 0.3122, 0.3468



54.2624, 0.3011, 0.3085



54.2624, 0.3332, 0.3478

Square

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



54.2624, 0.3011, 0.3085



54.2624, 0.3336, 0.3302



54.2624, 0.3241, 0.3503



54.2624, 0.2922, 0.3272

Rectangle

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



54.2624, 0.3011, 0.3085



54.2624, 0.3211, 0.3170



54.2624, 0.3241, 0.3503



54.2624, 0.3042, 0.3415

Sweetspot

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



54.2647, 0.3011, 0.3085



95.8929, 0.3099, 0.3241



61.6743, 0.3003, 0.3280



20.5680, 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.



54.2647, 0.3011, 0.3085



80.5375, 0.2980, 0.3031



55.3961, 0.3076, 0.3089



11.4521, 0.2991, 0.3050



2.9055, 0.1521, 0.0612



0.1750, 0.1590, 0.0650

Inverse Universe

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



56.4420, 0.3144, 0.3105



84.6946, 0.3149, 0.3058



62.3228, 0.3175, 0.3492



11.9959, 0.3147, 0.3075



10.8227, 0.3369, 0.1630



0.6090, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 54.2624, 0.3011, 0.3085 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 54.2624, 0.3011, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

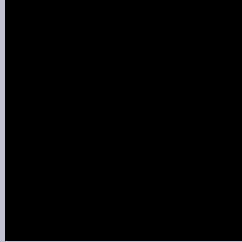
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

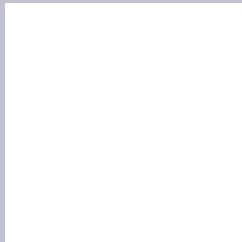
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2624, 0.3011, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 54.2624, 0.3011, 0.3085.

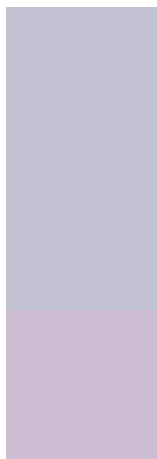


This preview shows how white text looks on a background with the Yxy color 54.2624, 0.3011, 0.3085.

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

54.2624, 0.3011, 0.3085

Protanopia

54.1305, 0.3003, 0.3085

Deuteranopia

54.2202, 0.3099, 0.3032



Tritanopia

54.2127, 0.3018, 0.3097

Trichromacy



Original Color

54.2624, 0.3011, 0.3085

Protanomaly

54.1305, 0.3003, 0.3085

Deuteranomaly

54.0866, 0.3067, 0.3042

Tritanomaly

54.2127, 0.3018, 0.3097

Monochromacy



Original Color

54.2624, 0.3011, 0.3085

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3558, 0.3091, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2624, 0.3011, 0.3085 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(194, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 210)  
}
```

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(194, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 210) }
```

Border

The CSS property to change the border of an element to Yxy 54.2624, 0.3011, 0.3085 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(194, 193, 210) }
```

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

```
.border{ border-color:rgb(194, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2624, 0.3011, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 210) }
```

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

```
.background{ background-color: rgb(194,  
193, 210) }
```

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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