

Converting Colors

$Y_{xy}(54.6490, 0.2794, 0.3062)$

Have a look what the booklet for
Yxy(54.6490, 0.2794, 0.3062)
contains.

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Color

Yxy(54.5667, 0.2791, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	ABC7DA
RGB	171, 199, 218
RGB Percent	67%, 78%, 85%
CMY	0.3295, 0.2196, 0.1451
CMYK	0.22, 0.09, 0.00, 0.15
HSL	204°, 39%, 76%
HSV	204°, 22%, 85%
XYZ	49.8676, 54.5667, 74.2386
YIQ	192.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

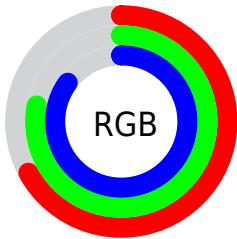
Format	Color
R_{YB}	171, 189, 218
Decimal	11257818
CIE _{Lab}	78.79, -5.31, -12.60
CIE _{LCh}	79, 13.671, 247.138
Yxy	54.5667, 0.2791, 0.3054
Android (android.graphics.Color)	4289447898 (0xFFABC7DA)
YUV	192.7940, 12.4266, -19.1133
Hunter-Lab	73.8693, -8.7696, -7.8779

Details

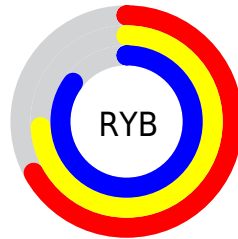
The Yxy color **54.5667, 0.2791, 0.3054** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6558, 0.3516, 0.3515**, and the grayscale version is **53.1348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **26.7467, 0.2705, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **48.3850, 0.2634, 0.2927**, and if you desaturate by 10%, it is **61.3909, 0.2948, 0.3170**.

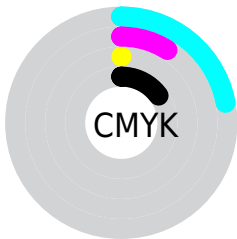
Distribution



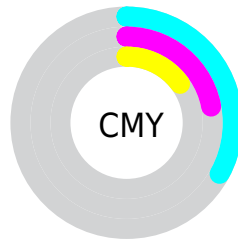
- Red (67%)
- Green (78%)
- Blue (85%)



- Red (67%)
- Yellow (74%)
- Blue (85%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5667, 0.2791, 0.3054 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 54.5667, 0.2791, 0.3054 by changing the saturation by 10% instead.

■ 54.5667, 0.2791,
0.3054

■ 54.5667, 0.2791,
0.3054

404.2673, 0.2953,
0.3170

■ 39.0549, 0.2752,
0.3026

■ 96.9058, 0.2848,
0.3096

■ 26.8024, 0.2704,
0.2990

124.5019, 0.2870,
0.3111

■ 17.4249, 0.2641,
0.2943

156.8949, 0.2889,
0.3125

■ 10.5379, 0.2556,
0.2879

194.4693, 0.2905,
0.3136

■ 5.7570, 0.2437,
0.2787

237.6093, 0.2920,
0.3146

■ 2.6979, 0.2255,
0.2644

286.6993, 0.2932,

■ 0.9761, 0.1950,

0.3155

0.2394

342.1239, 0.2943,
0.3163

0.0000, 0.0000,
0.0000

54.5667, 0.2791,
0.3054

54.5667, 0.2791,
0.3054

48.3850, 0.2634,
0.2927

61.3909, 0.2948,
0.3170

42.8155, 0.2480,
0.2790

68.8733, 0.3103,
0.3275

37.8349, 0.2335,
0.2643

77.0371, 0.3253,
0.3368

33.4155, 0.2201,
0.2490

85.2962, 0.3375,
0.3452

29.5268, 0.2083,
0.2334

90.4405, 0.3362,
0.3538

■ 26.1341, 0.1985,
0.2176

■ 95.8373, 0.3350,
0.3621

■ 23.1969, 0.1909,
0.2021

■ 97.8424, 0.3345,
0.3651

■ 21.0214, 0.1860,
0.1894

Harmonies

Analogous

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



54.5667, 0.2792, 0.3186



54.5667, 0.2791, 0.3054



54.5667, 0.2877, 0.2989

Triad

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



54.5667, 0.2791, 0.3054



54.5667, 0.3378, 0.3222



54.5667, 0.3217, 0.3598

Complementary

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



54.5667, 0.2791, 0.3054



54.6558, 0.3516, 0.3515

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.



54.5667, 0.3379, 0.3599



54.5667, 0.2791, 0.3054



54.5667, 0.3474, 0.3378

Square

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



54.5667, 0.2791, 0.3054



54.5667, 0.3214, 0.3087



54.5667, 0.3474, 0.3516



54.5667, 0.3035, 0.3507

Rectangle

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



54.5667, 0.2791, 0.3054



54.5667, 0.2973, 0.2989



54.5667, 0.3474, 0.3516



54.5667, 0.3275, 0.3609

Sweetspot

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



54.5689, 0.2791, 0.3054



93.3341, 0.3034, 0.3229



62.5093, 0.2980, 0.3643



19.8266, 0.3024, 0.3222



0.0000, 0.0000, 0.0000



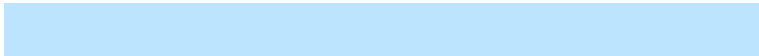
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5689, 0.2791, 0.3054



73.6129, 0.2718, 0.2996



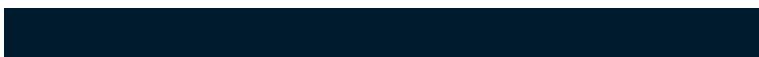
44.6376, 0.2770, 0.2753



13.9016, 0.2982, 0.3193



12.8091, 0.1866, 0.1917



0.9972, 0.1934, 0.2164

Inverse Universe

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



48.1435, 0.3311, 0.2964



63.1404, 0.3361, 0.2891



65.5872, 0.3462, 0.3775



13.1812, 0.3199, 0.3152



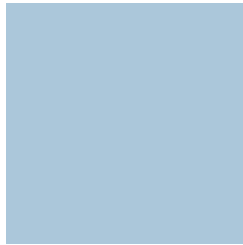
9.9169, 0.4548, 0.2279



0.6594, 0.4271, 0.2127

Previews

White Background



This preview shows how the Yxy color 54.5667, 0.2791, 0.3054 looks on a white background.

Color Contrast Check

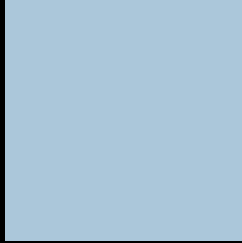
Large Text (above 18pt) WCAG AA × Fail

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 54.5667, 0.2791, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

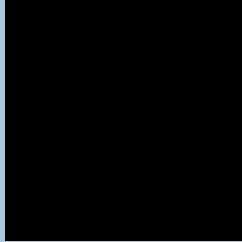
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

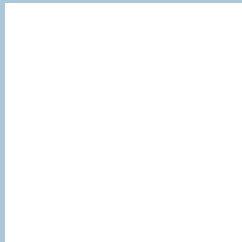
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5667, 0.2791, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 54.5667, 0.2791, 0.3054.



This preview shows how white text looks on a background with the Yxy color 54.5667, 0.2791, 0.3054.

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

54.5667, 0.2791, 0.3054

Protanopia

54.2014, 0.2967, 0.3038

Deuteranopia

54.5508, 0.3001, 0.2940



Tritanopia

54.2992, 0.2803, 0.3090

Trichromacy



Original Color

54.5667, 0.2791, 0.3054

Protanomaly

54.1269, 0.2901, 0.3046

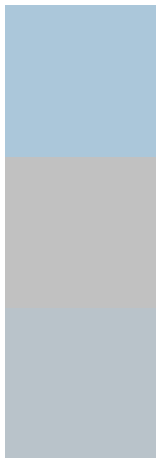
Deuteranomaly

54.3308, 0.2925, 0.2979

Tritanomaly

54.3508, 0.2797, 0.3078

Monochromacy



Original Color

54.5667, 0.2791, 0.3054

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6088, 0.2998, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5667, 0.2791, 0.3054 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(171, 199, 218)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 218)  
}
```

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(171, 199, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.5667, 0.2791, 0.3054 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(171, 199, 218) }
```

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

```
.border{ border-color:rgb(171, 199, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 199, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 199, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 199, 218);  
box-shadow:4px 4px 4px 4px rgb(171, 199,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5667, 0.2791, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 199, 218) }
```

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

```
.background{ background-color: rgb(171,  
199, 218) }
```

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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