

Converting Colors

$Yxy(54.1581, 0.2717, 0.3071)$

Have a look what the booklet for
Yxy(54.1581, 0.2717, 0.3071)
contains.

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Color

Yxy(54.3088, 0.2720, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	A0C9DA
RGB	160, 201, 218
RGB Percent	63%, 79%, 85%
CMY	0.3725, 0.2118, 0.1452
CMYK	0.27, 0.08, 0.00, 0.15
HSL	198°, 44%, 74%
HSV	198°, 27%, 85%
XYZ	48.0390, 54.3088, 74.2662
YIQ	190.6790, -29.8930, -3.4050

Conversions

Conversions Part 2

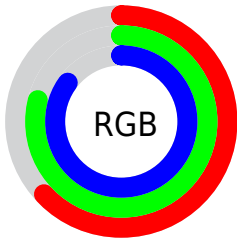
Format	Color
RYB	160, 184, 218
Decimal	10537434
CIELab	78.64, -9.66, -12.88
CIElCh	79, 16.096, 233.131
Yxy	54.3088, 0.2720, 0.3075
Android (android.graphics.Color)	4288727514 (0xFFA0C9DA)
YUV	190.6790, 13.4693, -26.9055
Hunter-Lab	73.6945, -12.6072, -8.1638

Details

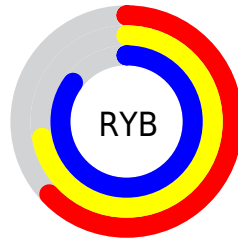
The Yxy color **54.3088, 0.2720, 0.3075** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8844, 0.3644, 0.3495**, and the grayscale version is **51.8408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **26.6376, 0.2616, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **49.3421, 0.2573, 0.2981**, and if you desaturate by 10%, it is **59.7975, 0.2872, 0.3162**.

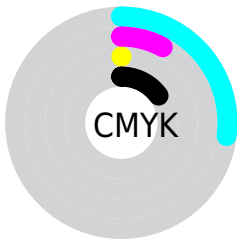
Distribution



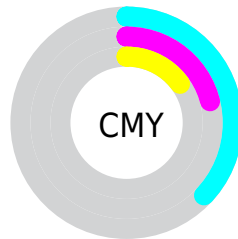
- Red (63%)
- Green (79%)
- Blue (85%)



- Red (63%)
- Yellow (72%)
- Blue (85%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (37%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3088, 0.2720, 0.3075 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 54.3088, 0.2720, 0.3075 by changing the saturation by 10% instead.

■ 54.3088, 0.2720,
0.3075

■ 54.3088, 0.2720,
0.3075

403.2865, 0.2916,
0.3182

■ 38.8486, 0.2674,
0.3049

■ 96.5275, 0.2789,
0.3114

■ 26.6420, 0.2615,
0.3015

■ 124.0548, 0.2816,
0.3128

■ 17.3045, 0.2540,
0.2970

156.3732, 0.2839,
0.3141

■ 10.4518, 0.2439,
0.2909

193.8672, 0.2858,
0.3151

■ 5.6996, 0.2297,
0.2820

236.9211, 0.2875,
0.3160

■ 2.6633, 0.2083,
0.2678

285.9194, 0.2890,

■ 0.9586, 0.1709,

0.3169

0.2432

341.2464, 0.2904,
0.3176

0.0000, 0.0000,
0.0000

54.3088, 0.2720,
0.3075

54.3088, 0.2720,
0.3075

49.3421, 0.2573,
0.2981

59.7975, 0.2872,
0.3162

44.8688, 0.2436,
0.2880

65.8222, 0.3026,
0.3242

40.8672, 0.2310,
0.2774

72.4043, 0.3179,
0.3314

37.3108, 0.2200,
0.2665

79.5620, 0.3330,
0.3378

34.1701, 0.2109,
0.2554

84.5580, 0.3377,
0.3440

■ 31.4107, 0.2038,
0.2442

■ 88.2375, 0.3368,
0.3502

■ 28.9890, 0.1986,
0.2332

■ 92.0490, 0.3359,
0.3563

■ 28.2150, 0.1971,
0.2295

■ 95.9941, 0.3350,
0.3624

■ 97.8409, 0.3346,
0.3651

Harmonies

Analogous

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



54.3088, 0.2770, 0.3256



54.3088, 0.2720, 0.3075



54.3088, 0.2774, 0.2960

Triad

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



54.3088, 0.2720, 0.3075



54.3088, 0.3339, 0.3130



54.3088, 0.3328, 0.3669

Complementary

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



54.3088, 0.2720, 0.3075



48.8844, 0.3644, 0.3495

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.



54.3088, 0.3489, 0.3619



54.3088, 0.2720, 0.3075



54.3088, 0.3497, 0.3306

Square

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



54.3088, 0.2720, 0.3075



54.3088, 0.3126, 0.2997



54.3088, 0.3552, 0.3484



54.3088, 0.3117, 0.3610

Rectangle

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



54.3088, 0.2720, 0.3075



54.3088, 0.2863, 0.2933



54.3088, 0.3552, 0.3484



54.3088, 0.3390, 0.3664

Sweetspot

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



54.3110, 0.2720, 0.3075



92.5806, 0.3003, 0.3230



60.7604, 0.2989, 0.3828



19.5298, 0.2980, 0.3219



0.0000, 0.0000, 0.0000



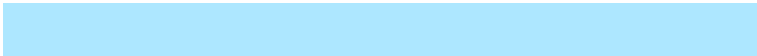
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3110, 0.2720, 0.3075



73.3564, 0.2636, 0.3022



42.2619, 0.2684, 0.2700



14.1517, 0.2982, 0.3220



17.1014, 0.1975, 0.2311



1.2542, 0.2025, 0.2490

Inverse Universe

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



44.2679, 0.3306, 0.2813



57.0758, 0.3355, 0.2708



61.3061, 0.3561, 0.3818



13.2064, 0.3182, 0.3126



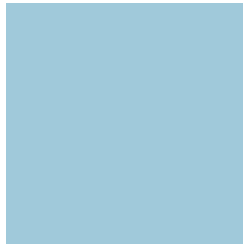
10.3502, 0.4114, 0.2040



0.6853, 0.3932, 0.1940

Previews

White Background



This preview shows how the Yxy color 54.3088, 0.2720, 0.3075 looks on a white background.

Color Contrast Check

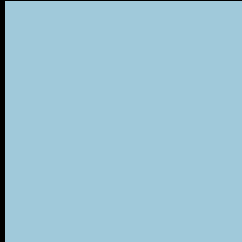
Large Text (above 18pt) WCAG AA × Fail

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 54.3088, 0.2720, 0.3075 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 54.3088, 0.2720, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 54.3088, 0.2720, 0.3075.



This preview shows how white text looks on a background with the Yxy color 54.3088, 0.2720, 0.3075.

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

54.3088, 0.2720, 0.3075

Protanopia

54.1505, 0.2974, 0.3049

Deuteranopia

53.9800, 0.2994, 0.2927



Tritanopia

54.2566, 0.2726, 0.3087

Trichromacy



Original Color

54.3088, 0.2720, 0.3075

Protanomaly

54.0895, 0.2872, 0.3056

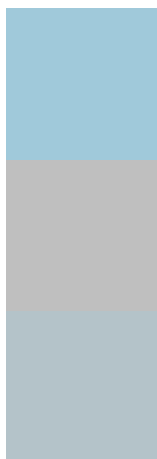
Deuteranomaly

53.6935, 0.2888, 0.2976

Tritanomaly

54.2566, 0.2726, 0.3087

Monochromacy



Original Color

54.3088, 0.2720, 0.3075

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9506, 0.2967, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3088, 0.2720, 0.3075 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(160, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(160, 201, 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(160, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 201, 218) }
```

Border

The CSS property to change the border of an element to Yxy 54.3088, 0.2720, 0.3075 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(160, 201, 218) }
```

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

```
.border{ border-color:rgb(160, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(160, 201,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3088, 0.2720, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 201, 218) }
```

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

```
.background{ background-color: rgb(160,  
201, 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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