

Converting Colors

$Yxy(54.1336, 0.2726, 0.3037)$

Have a look what the booklet for
Yxy(54.1336, 0.2726, 0.3037)
contains.

Yxy(54.2624, 0.2726, 0.3039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.2624, 0.2726, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	A3C8DC
RGB	163, 200, 220
RGB Percent	64%, 78%, 86%
CMY	0.3609, 0.2157, 0.1373
CMYK	0.26, 0.09, 0.00, 0.14
HSL	201°, 45%, 75%
HSV	201°, 26%, 86%
XYZ	48.6737, 54.2624, 75.6174
YIQ	191.2170, -28.4720, -1.6240

Conversions

Conversions Part 2

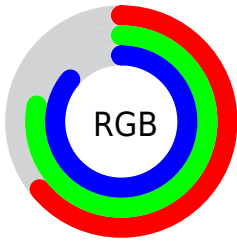
Format	Color
RYB	163, 185, 220
Decimal	10733788
CIELab	78.61, -7.79, -13.98
CIElCh	79, 16.010, 240.866
Yxy	54.2624, 0.2726, 0.3039
Android (android.graphics.Color)	4288923868 (0xFFA3C8DC)
YUV	191.2170, 14.1900, -24.7463
Hunter-Lab	73.6630, -10.9644, -9.2989

Details

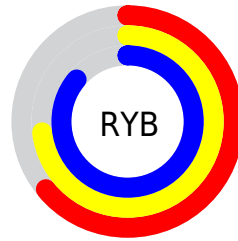
The Yxy color **54.2624, 0.2726, 0.3039** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.7158, 0.3619, 0.3528**, and the grayscale version is **52.1606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **26.5894, 0.2623, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **48.6575, 0.2574, 0.2926**, and if you desaturate by 10%, it is **60.4559, 0.2881, 0.3143**.

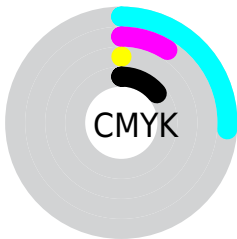
Distribution



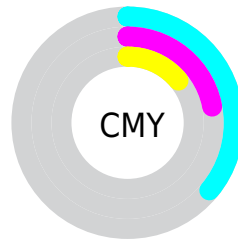
- Red (64%)
- Green (78%)
- Blue (86%)



- Red (64%)
- Yellow (73%)
- Blue (86%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (36%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2624, 0.2726, 0.3039 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, 0.2726, 0.3039 by changing the saturation by 10% instead.

■ 54.2624, 0.2726,
0.3039

■ 54.2624, 0.2726,
0.3039

403.1098, 0.2919,
0.3163

■ 38.8115, 0.2680,
0.3009

■ 96.4594, 0.2794,
0.3084

■ 26.6131, 0.2623,
0.2970

■ 123.9743, 0.2821,
0.3101

■ 17.2829, 0.2548,
0.2919

156.2793, 0.2843,
0.3115

■ 10.4364, 0.2449,
0.2850

193.7588, 0.2862,
0.3127

■ 5.6892, 0.2308,
0.2750

236.7972, 0.2879,
0.3138

■ 2.6571, 0.2098,
0.2593

285.7789, 0.2894,

■ 0.9554, 0.1740,

0.3147

0.2321

341.0883, 0.2907,
0.3156

0.0000, 0.0000,
0.0000

54.2624, 0.2726,
0.3039

54.2624, 0.2726,
0.3039

48.6575, 0.2574,
0.2926

60.4559, 0.2881,
0.3143

43.6110, 0.2429,
0.2804

67.2534, 0.3036,
0.3238

39.0998, 0.2295,
0.2676

74.6778, 0.3189,
0.3324

35.0958, 0.2176,
0.2543

82.7486, 0.3338,
0.3400

31.5677, 0.2075,
0.2407

87.9128, 0.3356,
0.3475

■ 28.4794, 0.1994,
0.2272

■ 92.5157, 0.3345,
0.3549

■ 25.7871, 0.1934,
0.2139

■ 97.3135, 0.3335,
0.3622

■ 24.7712, 0.1913,
0.2085

■ 97.9473, 0.3333,
0.3631

Harmonies

Analogous

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



54.2624, 0.2749, 0.3206



54.2624, 0.2726, 0.3039



54.2624, 0.2805, 0.2946

Triad

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



54.2624, 0.2726, 0.3039



54.2624, 0.3386, 0.3174



54.2624, 0.3275, 0.3663

Complementary

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



54.2624, 0.2726, 0.3039



51.7158, 0.3619, 0.3528

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, 0.3453, 0.3640



54.2624, 0.2726, 0.3039



54.2624, 0.3520, 0.3353

Square

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



54.2624, 0.2726, 0.3039



54.2624, 0.3183, 0.3027



54.2624, 0.3545, 0.3523



54.2624, 0.3061, 0.3576

Rectangle

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



54.2624, 0.2726, 0.3039



54.2624, 0.2908, 0.2935



54.2624, 0.3545, 0.3523



54.2624, 0.3341, 0.3667

Sweetspot

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



54.2646, 0.2726, 0.3039



91.8551, 0.3003, 0.3219



62.3874, 0.2969, 0.3762



19.3465, 0.2980, 0.3205



0.0000, 0.0000, 0.0000



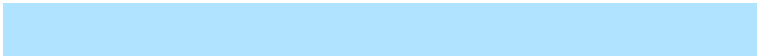
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2646, 0.2726, 0.3039



71.5376, 0.2644, 0.2980



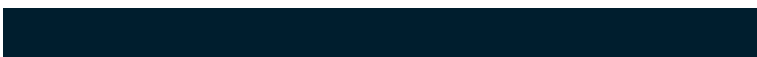
42.2807, 0.2692, 0.2666



14.0211, 0.2982, 0.3206



14.7544, 0.1918, 0.2106



1.1153, 0.1978, 0.2321

Inverse Universe

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



45.5746, 0.3330, 0.2862



57.8528, 0.3384, 0.2770



64.6704, 0.3539, 0.3845



13.1933, 0.3191, 0.3139



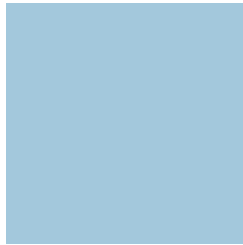
10.1132, 0.4335, 0.2162



0.6713, 0.4105, 0.2035

Previews

White Background



This preview shows how the Yxy color 54.2624, 0.2726, 0.3039 looks on a white background.

Color Contrast Check

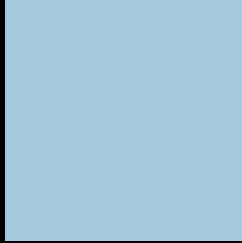
Large Text (above 18pt) WCAG AA × Fail

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, 0.2726, 0.3039 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, 0.2726, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 54.2624, 0.2726, 0.3039.



This preview shows how white text looks on a background with the Yxy color 54.2624, 0.2726, 0.3039.

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, 0.2726, 0.3039

Protanopia

54.1226, 0.2953, 0.3025

Deuteranopia

53.9485, 0.2972, 0.2904



Tritanopia

54.4644, 0.2739, 0.3088

Trichromacy



Original Color

54.2624, 0.2726, 0.3039

Protanomaly

54.3134, 0.2866, 0.3033

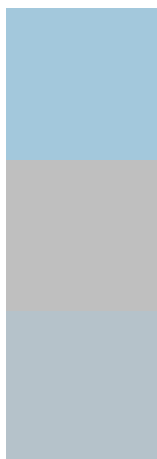
Deuteranomaly

53.9252, 0.2882, 0.2953

Tritanomaly

54.5166, 0.2733, 0.3076

Monochromacy



Original Color

54.2624, 0.2726, 0.3039

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6716, 0.2968, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2624, 0.2726, 0.3039 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(163, 200, 220)` looks like.

```
.text, #text, p{  
    color:rgb(163, 200, 220)  
}
```

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(163, 200, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 200, 220) }
```

Border

The CSS property to change the border of an element to Yxy 54.2624, 0.2726, 0.3039 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(163, 200, 220) }
```

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

```
.border{ border-color:rgb(163, 200, 220) }
```

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

Here you see how a box with a 4 pixel rgb(163, 200, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 200, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 200, 220);  
box-shadow:4px 4px 4px 4px rgb(163, 200,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2624, 0.2726, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 200, 220) }
```

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

```
.background{ background-color: rgb(163,  
200, 220) }
```

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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