

Converting Colors

$Y_{xy}(44.9040, 0.2822, 0.3075)$

Have a look what the booklet for
Yxy(44.9040, 0.2822, 0.3075)
contains.

Yxy(44.9040, 0.2822, 0.3075)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.9040, 0.2822, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	9FB6C6
RGB	159, 182, 198
RGB Percent	62%, 71%, 78%
CMY	0.3767, 0.2862, 0.2236
CMYK	0.20, 0.08, 0.00, 0.22
HSL	205°, 26%, 70%
HSV	205°, 20%, 78%
XYZ	41.2095, 44.9040, 59.9158
YIQ	176.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

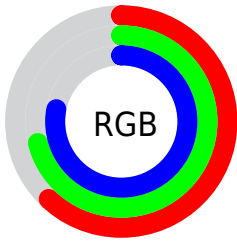
Format	Color
R_{YB}	159, 173, 198
Decimal	10467014
CIE _{Lab}	72.83, -4.45, -10.74
CIE _{LCh}	73, 11.624, 247.498
Yxy	44.9040, 0.2822, 0.3075
Android (android.graphics.Color)	4288657094 (0xFF9FB6C6)
YUV	176.9470, 10.3791, -15.7395
Hunter-Lab	67.0104, -7.4960, -6.1054

Details

The Yxy color **44.9040, 0.2822, 0.3075** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1328, 0.3474, 0.3496**, and the grayscale version is **43.8848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6652, 0.2875, 0.3113**, and **20.8399, 0.2738, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **39.8198, 0.2665, 0.2949**, and if you desaturate by 10%, it is **50.5079, 0.2978, 0.3190**.

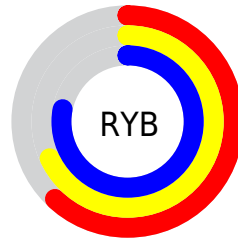
Distribution



Red (62%)

Green (71%)

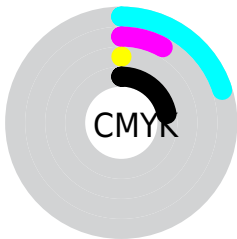
Blue (78%)



Red (62%)

Yellow (68%)

Blue (78%)

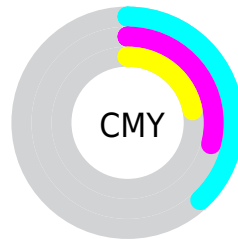


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9040, 0.2822, 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 44.9040, 0.2822, 0.3075 by changing the saturation by 10% instead.

■ 44.9040, 0.2822,
0.3075

■ 44.9040, 0.2822,
0.3075

■ 366.3846, 0.2974,
0.3184

■ 31.3818, 0.2784,
0.3047

■ 82.5763, 0.2877,
0.3115

■ 20.8898, 0.2736,
0.3012

■ 107.4953, 0.2898,
0.3130

■ 13.0434, 0.2671,
0.2964

■ 136.9819, 0.2916,
0.3142

■ 7.4585, 0.2582,
0.2897

■ 171.4207, 0.2931,
0.3153

■ 3.7504, 0.2450,
0.2795

■ 211.1959, 0.2944,
0.3162

■ 1.5350, 0.2236,
0.2625

■ 256.6921, 0.2955,

■ 0.3131, 0.1182,

0.3170

0.1958

308.2935, 0.2965,
0.3178

0.0000, 0.0000,
0.0000

44.9040, 0.2822,
0.3075

44.9040, 0.2822,
0.3075

39.8198, 0.2665,
0.2949

50.5079, 0.2978,
0.3190

35.2312, 0.2511,
0.2813

56.6435, 0.3131,
0.3293

31.1200, 0.2364,
0.2667

63.3293, 0.3279,
0.3385

27.4647, 0.2227,
0.2514

70.5809, 0.3421,
0.3467

24.2414, 0.2105,
0.2357

77.8518, 0.3533,
0.3540

■ 21.4236, 0.2003,
0.2198

■ 82.2709, 0.3516,
0.3620

■ 18.9802, 0.1921,
0.2041

■ 86.8997, 0.3499,
0.3698

■ 16.8570, 0.1859,
0.1889

■ 91.7408, 0.3482,
0.3775

■ 16.8010, 0.1857,
0.1885

■ 96.7970, 0.3466,
0.3849

Harmonies

Analogous

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



44.9040, 0.2822, 0.3195



44.9040, 0.2822, 0.3075



44.9040, 0.2901, 0.3016

Triad

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



44.9040, 0.2822, 0.3075



44.9040, 0.3356, 0.3230



44.9040, 0.3207, 0.3568

Complementary

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



44.9040, 0.2822, 0.3075



45.1328, 0.3474, 0.3496

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.



44.9040, 0.3354, 0.3571



44.9040, 0.2822, 0.3075



44.9040, 0.3442, 0.3372

Square

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



44.9040, 0.2822, 0.3075



44.9040, 0.3208, 0.3106



44.9040, 0.3441, 0.3497



44.9040, 0.3041, 0.3485

Rectangle

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



44.9040, 0.2822, 0.3075



44.9040, 0.2990, 0.3017



44.9040, 0.3441, 0.3497



44.9040, 0.3260, 0.3579

Sweetspot

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



44.9058, 0.2822, 0.3075



93.2847, 0.3034, 0.3228



50.8275, 0.2993, 0.3607



19.8149, 0.3024, 0.3221



0.0000, 0.0000, 0.0000



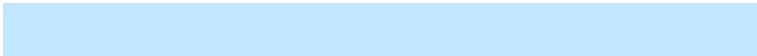
21.4041, 0.3127, 0.3290

Same Dimension

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



44.9058, 0.2822, 0.3075



75.2383, 0.2749, 0.3018



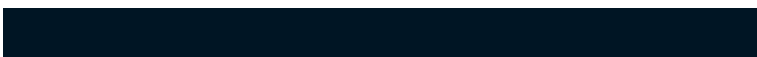
37.5823, 0.2806, 0.2808



11.3118, 0.2983, 0.3193



11.0989, 0.1863, 0.1905



0.6655, 0.1951, 0.2224

Inverse Universe

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



40.1595, 0.3293, 0.2998



65.4659, 0.3341, 0.2926



53.1282, 0.3430, 0.3730



10.7404, 0.3199, 0.3154



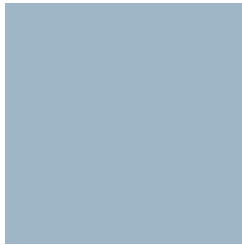
8.6604, 0.4562, 0.2287



0.4242, 0.4207, 0.2091

Previews

White Background



This preview shows how the Yxy color 44.9040, 0.2822, 0.3075 looks on a white background.

Color Contrast Check

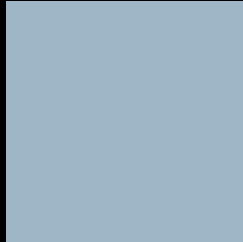
Large Text (above 18pt) WCAG AA × Fail

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 44.9040, 0.2822, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

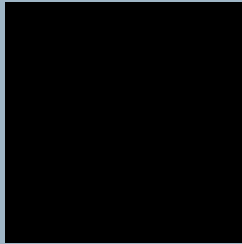
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

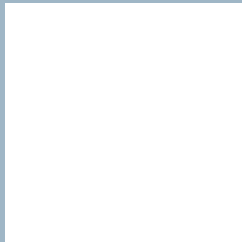
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9040, 0.2822, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 44.9040, 0.2822, 0.3075.



This preview shows how white text looks on a background with the Yxy color 44.9040, 0.2822, 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

44.9040, 0.2822, 0.3075

Protanopia

44.7315, 0.2985, 0.3056

Deuteranopia

44.8813, 0.3022, 0.2961



Tritanopia

44.8580, 0.2829, 0.3088

Trichromacy



Original Color

44.9040, 0.2822, 0.3075

Protanomaly

44.7718, 0.2921, 0.3065

Deuteranomaly

44.7979, 0.2947, 0.3005

Tritanomaly

44.8580, 0.2829, 0.3088

Monochromacy



Original Color

44.9040, 0.2822, 0.3075

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2890, 0.3004, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9040, 0.2822, 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(159, 182, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 182, 198)  
}
```

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(159, 182, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 182, 198) }
```

Border

The CSS property to change the border of an element to Yxy 44.9040, 0.2822, 0.3075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

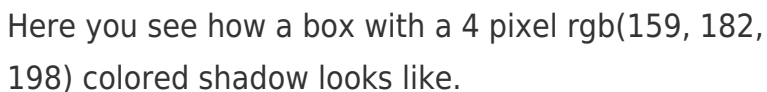
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 182, 198) }
```

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

```
.border{ border-color:rgb(159, 182, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 182, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 182, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 182, 198); box-shadow:4px 4px 4px 4px rgb(159, 182, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9040, 0.2822, 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(159, 182, 198) }
```

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

```
.background{ background-color: rgb(159,  
182, 198) }
```

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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