

Converting Colors

$Yxy(44.3105, 0.2784, 0.3180)$

Have a look what the booklet for
Yxy(44.3105, 0.2784, 0.3180)
contains.

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Color

Yxy(44.3827, 0.2783, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	94B8C0
RGB	148, 184, 192
RGB Percent	58%, 72%, 75%
CMY	0.4197, 0.2784, 0.2469
CMYK	0.23, 0.04, 0.00, 0.25
HSL	191°, 26%, 67%
HSV	191°, 23%, 75%
XYZ	38.8663, 44.3827, 56.4071
YIQ	174.1480, -24.0240, -5.1440

Conversions

Conversions Part 2

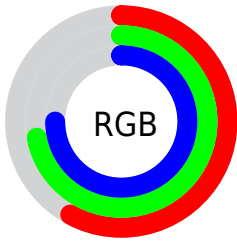
Format	Color
RYB	148, 168, 192
Decimal	9746624
CIELab	72.48, -10.27, -8.07
CIELCh	72, 13.065, 218.149
Yxy	44.3827, 0.2783, 0.3178
Android (android.graphics.Color)	4287936704 (0xFF94B8C0)
YUV	174.1480, 8.8010, -22.9318
Hunter-Lab	66.6203, -12.4488, -3.5663

Details

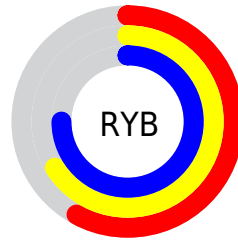
The Yxy color **44.3827, 0.2783, 0.3178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1241, 0.3569, 0.3399**, and the grayscale version is **42.3695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7940, 0.2849, 0.3204**, and **20.5835, 0.2681, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **41.3047, 0.2643, 0.3122**, and if you desaturate by 10%, it is **47.7974, 0.2930, 0.3230**.

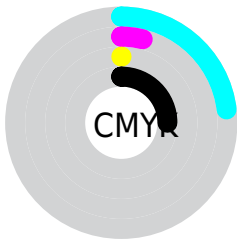
Distribution



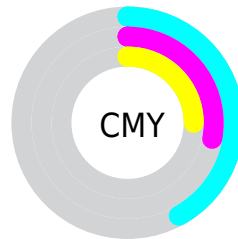
- Red (58%)
- Green (72%)
- Blue (75%)



- Red (58%)
- Yellow (66%)
- Blue (75%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3827, 0.2783, 0.3178 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 44.3827, 0.2783, 0.3178 by changing the saturation by 10% instead.

■ 44.3827, 0.2783,
0.3178

■ 44.3827, 0.2783,
0.3178

■ 364.2677, 0.2955,
0.3237

■ 30.9715, 0.2740,
0.3163

■ 81.7933, 0.2845,
0.3200

■ 20.5771, 0.2686,
0.3142

■ 106.5615, 0.2869,
0.3208

■ 12.8153, 0.2613,
0.3115

■ 135.8841, 0.2889,
0.3215

■ 7.3015, 0.2512,
0.3074

■ 170.1456, 0.2906,
0.3220

■ 3.6513, 0.2362,
0.3011

■ 209.7303, 0.2920,
0.3225

■ 1.4805, 0.2120,
0.2899

■ 255.0226, 0.2933,

■ 0.2749, 0.0092,

0.3230

0.2393

306.4069, 0.2945,
0.3233

0.0000, 0.0000,
0.0000

44.3827, 0.2783,
0.3178

44.3827, 0.2783,
0.3178

41.3047, 0.2643,
0.3122

47.7974, 0.2930,
0.3230

38.5429, 0.2513,
0.3063

51.5571, 0.3082,
0.3277

36.0831, 0.2396,
0.3001

55.6768, 0.3235,
0.3320

33.9076, 0.2296,
0.2937

60.1687, 0.3388,
0.3358

31.9965, 0.2213,
0.2872

65.0446, 0.3537,
0.3392

■ 30.3271, 0.2150,
0.2806

■ 68.7288, 0.3618,
0.3425

■ 28.8723, 0.2105,
0.2741

■ 70.4213, 0.3609,
0.3461

■ 27.9388, 0.2082,
0.2695

■ 72.1515, 0.3601,
0.3497

■ 73.9195, 0.3592,
0.3532

Harmonies

Analogous

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



44.3827, 0.2870, 0.3349



44.3827, 0.2783, 0.3178



44.3827, 0.2785, 0.3045

Triad

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



44.3827, 0.2783, 0.3178



44.3827, 0.3222, 0.3086



44.3827, 0.3380, 0.3608

Complementary

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



44.3827, 0.2783, 0.3178



37.1241, 0.3569, 0.3399

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.



44.3827, 0.3481, 0.3525



44.3827, 0.2783, 0.3178



44.3827, 0.3388, 0.3226

Square

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



44.3827, 0.2783, 0.3178



44.3827, 0.3034, 0.2998



44.3827, 0.3484, 0.3385



44.3827, 0.3213, 0.3604

Rectangle

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



44.3827, 0.2783, 0.3178



44.3827, 0.2836, 0.2994



44.3827, 0.3484, 0.3385



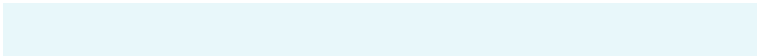
44.3827, 0.3423, 0.3589

Sweetspot

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



44.3845, 0.2783, 0.3178



90.4661, 0.3019, 0.3258



46.3849, 0.3045, 0.3816



19.3191, 0.3009, 0.3255



97.7402, 0.3127, 0.3290



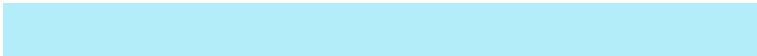
20.4902, 0.3127, 0.3290

Same Dimension

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



44.3845, 0.2783, 0.3178



77.2476, 0.2705, 0.3148



36.1735, 0.2759, 0.2871



11.1063, 0.2984, 0.3247



18.8968, 0.2084, 0.2703



0.8996, 0.2125, 0.2848

Inverse Universe

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



35.8423, 0.3229, 0.2824



59.0424, 0.3258, 0.2709



44.9296, 0.3508, 0.3676



10.2150, 0.3165, 0.3104



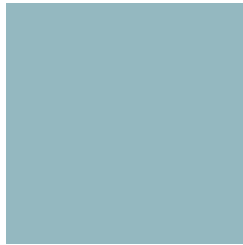
9.1899, 0.3725, 0.1826



0.4055, 0.3591, 0.1752

Previews

White Background



This preview shows how the Yxy color 44.3827, 0.2783, 0.3178 looks on a white background.

Color Contrast Check

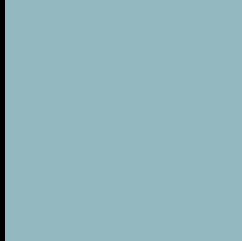
Large Text (above 18pt) WCAG AA × Fail

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 44.3827, 0.2783, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

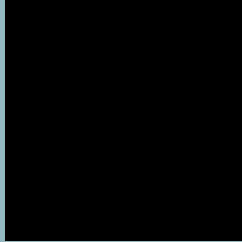
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

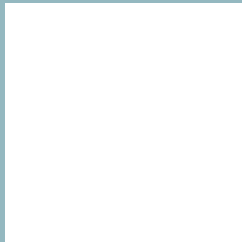
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3827, 0.2783, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 44.3827, 0.2783, 0.3178.



This preview shows how white text looks on a background with the Yxy color 44.3827, 0.2783, 0.3178.

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

44.3827, 0.2783, 0.3178

Protanopia

44.1035, 0.3056, 0.3145

Deuteranopia

43.9649, 0.3079, 0.3009



Tritanopia

44.3338, 0.2749, 0.3084

Trichromacy



Original Color

44.3827, 0.2783, 0.3178

Protanomaly

44.1298, 0.2949, 0.3155

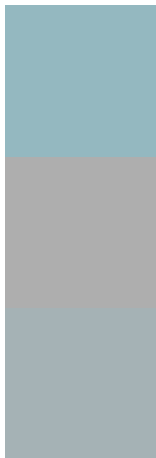
Deuteranomaly

43.7852, 0.2967, 0.3065

Tritanomaly

44.2421, 0.2763, 0.3111

Monochromacy



Original Color

44.3827, 0.2783, 0.3178

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.1763, 0.2993, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3827, 0.2783, 0.3178 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(148, 184, 192)` looks like.

```
.text, #text, p{  
    color:rgb(148, 184, 192)  
}
```

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(148, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 184, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.3827, 0.2783, 0.3178 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(148, 184, 192) }
```

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

```
.border{ border-color:rgb(148, 184, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(148, 184,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3827, 0.2783, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 184, 192) }
```

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

```
.background{ background-color: rgb(148,  
184, 192) }
```

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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