

Converting Colors

$Y_{xy}(43.8700, 0.2723, 0.3054)$

Have a look what the booklet for
Yxy(43.8700, 0.2723, 0.3054)
contains.

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Color

Yxy(43.7825, 0.2727, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	93B6C7
RGB	147, 182, 199
RGB Percent	58%, 71%, 78%
CMY	0.4235, 0.2863, 0.2197
CMYK	0.26, 0.09, 0.00, 0.22
HSL	200°, 32%, 68%
HSV	200°, 26%, 78%
XYZ	39.0690, 43.7825, 60.4158
YIQ	173.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

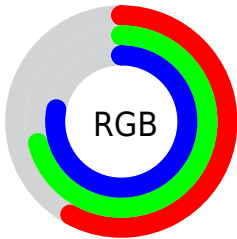
Format	Color
RYB	147, 168, 199
Decimal	9680583
CIELab	72.08, -7.90, -12.48
CIELCh	72, 14.771, 237.654
Yxy	43.7825, 0.2727, 0.3056
Android (android.graphics.Color)	4287870663 (0xFF93B6C7)
YUV	173.4730, 12.5848, -23.2168
Hunter-Lab	66.1683, -10.3995, -7.8176

Details

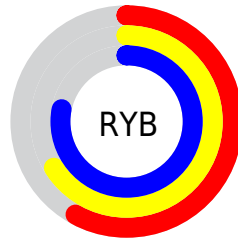
The Yxy color **43.7825, 0.2727, 0.3056** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7955, 0.3624, 0.3512**, and the grayscale version is **41.9891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9256, 0.2804, 0.3109**, and **20.1777, 0.2615, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **39.4992, 0.2578, 0.2951**, and if you desaturate by 10%, it is **48.5112, 0.2880, 0.3153**.

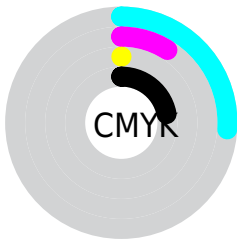
Distribution



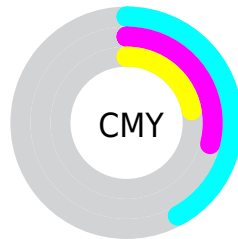
- Red (58%)
- Green (71%)
- Blue (78%)



- Red (58%)
- Yellow (66%)
- Blue (78%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)




- Cyan (42%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7825, 0.2727, 0.3056 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 43.7825, 0.2727, 0.3056 by changing the saturation by 10% instead.


 43.7825, 0.2727,
0.3056

 43.7825, 0.2727,
0.3056


361.8200, 0.2927,
0.3176

 30.4996, 0.2677,
0.3025


 80.8904, 0.2799,
0.3100

 20.2181, 0.2614,
0.2985

 105.4841, 0.2827,
0.3117

 12.5537, 0.2530,
0.2931

134.6168, 0.2850,
0.3131

 7.1219, 0.2414,
0.2854


168.6730, 0.2869,
0.3142

 3.5385, 0.2243,
0.2736

208.0370, 0.2886,
0.3153

 1.4189, 0.1969,
0.2536

253.0932, 0.2902,

 0.2306, 0.0189,

0.3161

0.1660

304.2261, 0.2915,
0.3169

0.0000, 0.0000,
0.0000

43.7825, 0.2727,
0.3056

43.7825, 0.2727,
0.3056

39.4992, 0.2578,
0.2951

48.5112, 0.2880,
0.3153

35.6379, 0.2437,
0.2839

53.6968, 0.3034,
0.3240

32.1809, 0.2306,
0.2721

59.3569, 0.3186,
0.3320

29.1068, 0.2191,
0.2599

65.5065, 0.3334,
0.3391

26.3915, 0.2093,
0.2474

72.1597, 0.3478,
0.3453

■ 24.0073, 0.2016,
0.2350

■ 77.1033, 0.3529,
0.3515

■ 21.9198, 0.1958,
0.2227

■ 80.6037, 0.3515,
0.3580

■ 21.1647, 0.1939,
0.2179

■ 84.2386, 0.3502,
0.3643

■ 88.0093, 0.3489,
0.3705

Harmonies

Analogous

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



43.7825, 0.2761, 0.3227



43.7825, 0.2727, 0.3056



43.7825, 0.2795, 0.2955

Triad

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



43.7825, 0.2727, 0.3056



43.7825, 0.3364, 0.3157



43.7825, 0.3295, 0.3662

Complementary

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



43.7825, 0.2727, 0.3056



40.7955, 0.3624, 0.3512

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.



43.7825, 0.3465, 0.3628



43.7825, 0.2727, 0.3056



43.7825, 0.3507, 0.3333

Square

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



43.7825, 0.2727, 0.3056



43.7825, 0.3159, 0.3016



43.7825, 0.3544, 0.3505



43.7825, 0.3085, 0.3588

Rectangle

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



43.7825, 0.2727, 0.3056



43.7825, 0.2891, 0.2937



43.7825, 0.3544, 0.3505



43.7825, 0.3359, 0.3662

Sweetspot

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



43.7843, 0.2727, 0.3056



92.1548, 0.3003, 0.3224



49.7059, 0.2980, 0.3788



19.4222, 0.2980, 0.3210



0.0000, 0.0000, 0.0000



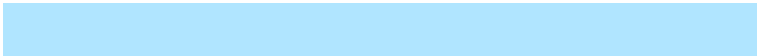
21.4041, 0.3127, 0.3290

Same Dimension

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



43.7843, 0.2727, 0.3056



72.5776, 0.2647, 0.3001



34.2850, 0.2693, 0.2690



11.4608, 0.2984, 0.3213



13.7766, 0.1943, 0.2196



0.7803, 0.2014, 0.2451

Inverse Universe

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



36.3883, 0.3318, 0.2846



57.9578, 0.3368, 0.2752



50.8396, 0.3545, 0.3826



10.7554, 0.3187, 0.3136



8.9307, 0.4236, 0.2107



0.4358, 0.3971, 0.1961

Previews

White Background



This preview shows how the Yxy color 43.7825, 0.2727, 0.3056 looks on a white background.

Color Contrast Check

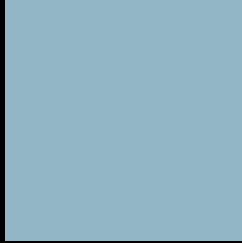
Large Text (above 18pt) WCAG AA × Fail

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 43.7825, 0.2727, 0.3056 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 43.7825, 0.2727, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 43.7825, 0.2727, 0.3056.



This preview shows how white text looks on a background with the Yxy color 43.7825, 0.2727, 0.3056.

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

43.7825, 0.2727, 0.3056

Protanopia

43.5987, 0.2960, 0.3027

Deuteranopia

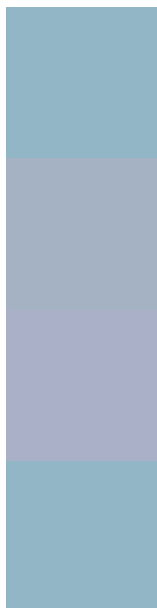
43.6672, 0.2981, 0.2919



Tritanopia

43.6902, 0.2740, 0.3082

Trichromacy



Original Color

43.7825, 0.2727, 0.3056

Protanomaly

43.7188, 0.2873, 0.3049

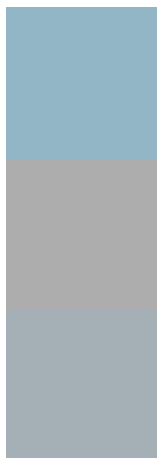
Deuteranomaly

43.6558, 0.2882, 0.2974

Tritanomaly

43.7362, 0.2733, 0.3069

Monochromacy



Original Color

43.7825, 0.2727, 0.3056

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3206, 0.2977, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7825, 0.2727, 0.3056 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(147, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(147, 182, 199)  
}
```

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(147, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 182, 199) }
```

Border

The CSS property to change the border of an element to Yxy 43.7825, 0.2727, 0.3056 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(147, 182, 199) }
```

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

```
.border{ border-color:rgb(147, 182, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 182, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 182, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 182, 199);  
box-shadow:4px 4px 4px 4px rgb(147, 182,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7825, 0.2727, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 182, 199) }
```

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

```
.background{ background-color: rgb(147,  
182, 199) }
```

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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