

Converting Colors

$Y_{xy}(24.8730, 0.2383, 0.2947)$

Have a look what the booklet for
Yxy(24.8730, 0.2383, 0.2947)
contains.

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Color

Yxy(24.8109, 0.2382, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	4C92A5
RGB	76, 146, 165
RGB Percent	30%, 57%, 65%
CMY	0.7017, 0.4275, 0.3530
CMYK	0.54, 0.12, 0.00, 0.35
HSL	193°, 37%, 47%
HSV	193°, 54%, 65%
XYZ	20.0541, 24.8109, 39.3253
YIQ	127.2360, -47.8190, -8.9310

Conversions

Conversions Part 2

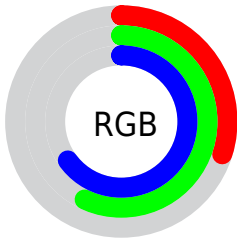
Format	Color
RYB	76, 115, 165
Decimal	5018277
CIELab	56.89, -16.52, -16.76
CIELCh	57, 23.531, 225.405
Yxy	24.8109, 0.2382, 0.2947
Android (android.graphics.Color)	4283208357 (0xFF4C92A5)
YUV	127.2360, 18.6177, -44.9340
Hunter-Lab	49.8105, -15.3028, -11.9420

Details

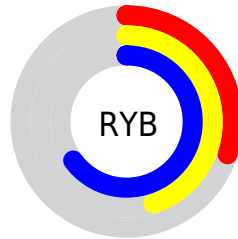
The Yxy color **24.8109, 0.2382, 0.2947** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.7178, 0.4488, 0.3587**, and the grayscale version is **21.2617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3012, 0.2532, 0.3025**, and **9.4154, 0.2126, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **23.1498, 0.2279, 0.2872**, and if you desaturate by 10%, it is **26.6808, 0.2500, 0.3020**.

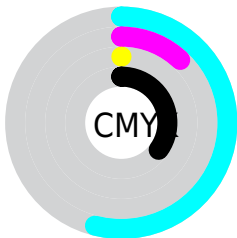
Distribution



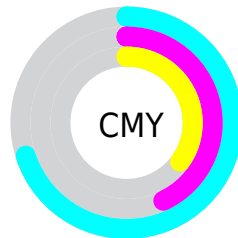
- Red (30%)
- Green (57%)
- Blue (65%)



- Red (30%)
- Yellow (45%)
- Blue (65%)



- Cyan (54%)
- Magenta (12%)
- Yellow (0%)
- Black (35%)



- Cyan (70%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8109, 0.2382, 0.2947 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 24.8109, 0.2382, 0.2947 by changing the saturation by 10% instead.

■ 24.8109, 0.2382,
0.2947

■ 24.8109, 0.2382,
0.2947

■ 276.8949, 0.2782,
0.3144

■ 15.9362, 0.2273,
0.2888

■ 51.3503, 0.2534,
0.3026

■ 9.4790, 0.2128,
0.2805

■ 69.7838, 0.2589,
0.3053

■ 5.0549, 0.1926,
0.2683

■ 92.1723, 0.2635,
0.3075

■ 2.2795, 0.1629,
0.2486

■ 118.9004, 0.2674,
0.3094

■ 0.7628, 0.0918,
0.2177

■ 150.3522, 0.2707,
0.3109

■ 0.0000, 0.0000,
0.0000

186.9123, 0.2735,

0.3123

228.9651, 0.2760,
0.3134

■ 24.8109, 0.2382,
0.2947

■ 24.8109, 0.2382,
0.2947

■ 23.1498, 0.2279,
0.2872

■ 26.6808, 0.2500,
0.3020

■ 21.6807, 0.2193,
0.2795

■ 28.7689, 0.2631,
0.3089

■ 20.3889, 0.2126,
0.2717

■ 31.0877, 0.2772,
0.3154

■ 19.2554, 0.2078,
0.2641

■ 33.6474, 0.2918,
0.3215

■ 18.6134, 0.2054,
0.2594

■ 36.4578, 0.3068,
0.3270

■ 39.5282, 0.3219,
0.3320

■ 42.8670, 0.3369,
0.3365

■ 46.4827, 0.3516,
0.3405

■ 50.3828, 0.3658,
0.3440

Harmonies

Analogous

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



24.8109, 0.2515, 0.3313



24.8109, 0.2382, 0.2947



24.8109, 0.2431, 0.2708

Triad

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



24.8109, 0.2382, 0.2947



24.8109, 0.3425, 0.2922



24.8109, 0.3588, 0.4009

Complementary

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



24.8109, 0.2382, 0.2947



16.7178, 0.4488, 0.3587

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.



24.8109, 0.3862, 0.3842



24.8109, 0.2382, 0.2947



24.8109, 0.3772, 0.3220

Square

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



24.8109, 0.2382, 0.2947



24.8109, 0.3012, 0.2712



24.8109, 0.3934, 0.3550



24.8109, 0.3200, 0.3969

Rectangle

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



24.8109, 0.2382, 0.2947



24.8109, 0.2562, 0.2639



24.8109, 0.3934, 0.3550



24.8109, 0.3697, 0.3973

Sweetspot

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



24.8118, 0.2382, 0.2947



59.1265, 0.2883, 0.3201



29.2525, 0.2932, 0.4648



12.7293, 0.2854, 0.3189



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.8118, 0.2382, 0.2947



40.8301, 0.2258, 0.2854



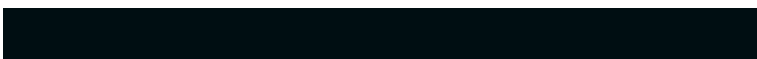
13.9058, 0.2212, 0.2106



7.7532, 0.2988, 0.3241



14.1569, 0.2056, 0.2601



0.3582, 0.2133, 0.2878

Inverse Universe

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



15.2521, 0.3453, 0.2261



22.8341, 0.3553, 0.2080



26.7889, 0.4094, 0.4226



7.1761, 0.3168, 0.3115



7.2733, 0.3823, 0.1879



0.1590, 0.3563, 0.1737

Previews

White Background



This preview shows how the Yxy color 24.8109, 0.2382, 0.2947 looks on a white background.

Color Contrast Check

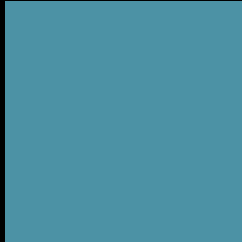
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8109, 0.2382, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

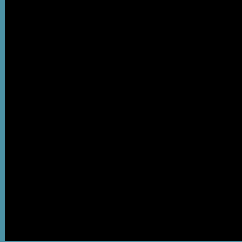
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8109, 0.2382, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 24.8109, 0.2382, 0.2947.



This preview shows how white text looks on a background with the Yxy color 24.8109, 0.2382, 0.2947.

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

24.8109, 0.2382, 0.2947

Protanopia

24.6678, 0.2878, 0.2926

Deuteranopia

24.5888, 0.2786, 0.2726



Tritanopia

24.8265, 0.2412, 0.3069

Trichromacy



Original Color

24.8109, 0.2382, 0.2947

Protanomaly

24.4480, 0.2665, 0.2928

Deuteranomaly

24.4117, 0.2608, 0.2799

Tritanomaly

24.9365, 0.2405, 0.3034

Monochromacy



Original Color

24.8109, 0.2382, 0.2947

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.1614, 0.2783, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8109, 0.2382, 0.2947 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(76, 146, 165)` looks like.

```
.text, #text, p{  
    color:rgb(76, 146, 165)  
}
```

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(76, 146, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 146, 165) }
```

Border

The CSS property to change the border of an element to Yxy 24.8109, 0.2382, 0.2947 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(76, 146, 165) }
```

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

```
.border{ border-color:rgb(76, 146, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 146, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 146, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 146, 165);  
box-shadow:4px 4px 4px 4px rgb(76, 146,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8109, 0.2382, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 146, 165) }
```

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

```
.background{ background-color: rgb(76, 146,  
165) }
```

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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