

Converting Colors

$Yxy(24.9664, 0.2086, 0.2479)$

Have a look what the booklet for
Yxy(24.9664, 0.2086, 0.2479)
contains.

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Color

Yxy(24.9664, 0.2086, 0.2479)

Conversions

Conversions Part 1

Format	Color
Hex	2B92C2
RGB	43, 146, 194
RGB Percent	17%, 57%, 76%
CMY	0.8316, 0.4274, 0.2393
CMYK	0.78, 0.25, 0.00, 0.24
HSL	199°, 64%, 46%
HSV	199°, 78%, 76%
XYZ	21.0084, 24.9664, 54.7367
YIQ	120.6750, -76.7960, -6.9080

Conversions

Conversions Part 2

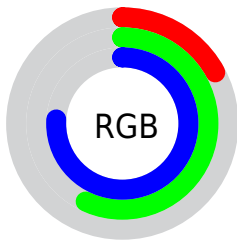
Format	Color
R _Y B	43, 104, 194
Decimal	2855618
CIE Lab	57.04, -12.53, -33.09
CIE LCh	57, 35.383, 249.265
Yxy	24.9664, 0.2086, 0.2479
Android (android.graphics.Color)	4281045698 (0xFF2B92C2)
YUV	120.6750, 36.1492, -68.1210
Hunter-Lab	49.9664, -12.3906, -29.9740

Details

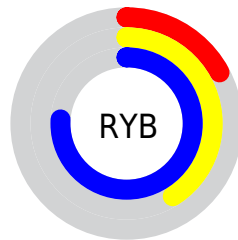
The Yxy color **24.9664, 0.2086, 0.2479** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **19.1069, 0.5272, 0.3814**, and the grayscale version is **18.9054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6531, 0.2286, 0.2647**, and **10.2592, 0.1960, 0.2255** is the 20% darker color. If you saturate the color by 10%, you get **22.7949, 0.2013, 0.2358**, and if you desaturate by 10%, it is **27.4411, 0.2179, 0.2600**.

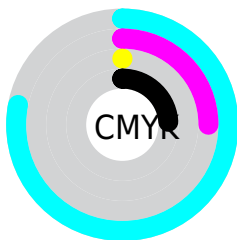
Distribution



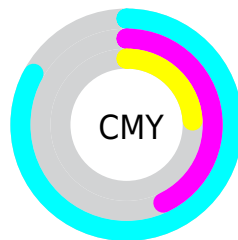
- Red (17%)
- Green (57%)
- Blue (76%)



- Red (17%)
- Yellow (41%)
- Blue (76%)



- Cyan (78%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9664, 0.2086, 0.2479 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 24.9664, 0.2086, 0.2479 by changing the saturation by 10% instead.

■ 24.9664, 0.2086,
0.2479

■ 24.9664, 0.2086,
0.2479

■ 277.6706, 0.2632,
0.2923

■ 16.0520, 0.1945,
0.2358

■ 51.6027, 0.2289,
0.2649

■ 9.5610, 0.1763,
0.2197

■ 70.0934, 0.2364,
0.2710

■ 5.1089, 0.1522,
0.1976

■ 92.5451, 0.2427,
0.2761

■ 2.3113, 0.1197,
0.1660

■ 119.3420, 0.2480,
0.2804

■ 0.7797, 0.0673,
0.1205

■ 150.8686, 0.2526,
0.2840

■ 0.0000, 0.0000,
0.0000

187.5093, 0.2566,

0.2872

229.6485, 0.2601,
0.2899

■ 24.9664, 0.2086,
0.2479

■ 24.9664, 0.2086,
0.2479

■ 22.7949, 0.2013,
0.2358

■ 27.4411, 0.2179,
0.2600

■ 20.8852, 0.1959,
0.2240

■ 30.2429, 0.2290,
0.2719

■ 20.4977, 0.1949,
0.2214

■ 33.3957, 0.2417,
0.2834

■ 36.9198, 0.2555,
0.2943

■ 40.8337, 0.2702,
0.3046

■ 45.1544, 0.2854,
0.3141

■ 49.8978, 0.3007,
0.3228

■ 55.0787, 0.3160,
0.3306

■ 60.7112, 0.3309,
0.3376

Harmonies

Analogous

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



24.9664, 0.2065, 0.2855



24.9664, 0.2086, 0.2479



24.9664, 0.2348, 0.2341

Triad

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



24.9664, 0.2086, 0.2479



24.9664, 0.4009, 0.3076



24.9664, 0.3336, 0.4379

Complementary

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



24.9664, 0.2086, 0.2479



19.1069, 0.5272, 0.3814

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.



24.9664, 0.3894, 0.4327



24.9664, 0.2086, 0.2479



24.9664, 0.4320, 0.3539

Square

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



24.9664, 0.2086, 0.2479



24.9664, 0.3439, 0.2681



24.9664, 0.4266, 0.3992



24.9664, 0.2751, 0.4038

Rectangle

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



24.9664, 0.2086, 0.2479



24.9664, 0.2646, 0.2371



24.9664, 0.4266, 0.3992



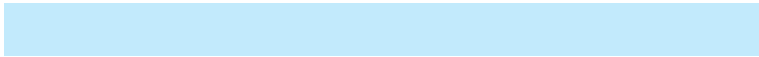
24.9664, 0.3533, 0.4404

Sweetspot

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



24.9673, 0.2086, 0.2479



77.4286, 0.2770, 0.3090



39.8371, 0.2828, 0.5084



16.3386, 0.2714, 0.3054



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.



24.9673, 0.2086, 0.2479



38.9782, 0.1976, 0.2280



8.8661, 0.1754, 0.1200



10.8715, 0.2984, 0.3215



13.6330, 0.1953, 0.2230



0.7085, 0.2026, 0.2494

Inverse Universe

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



15.2655, 0.3918, 0.2114



24.4114, 0.4143, 0.2083



39.0173, 0.4367, 0.4685



10.1913, 0.3185, 0.3134



8.6585, 0.4200, 0.2087



0.3862, 0.3928, 0.1937

Previews

White Background



This preview shows how the Yxy color 24.9664, 0.2086, 0.2479 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 24.9664, 0.2086, 0.2479 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 24.9664, 0.2086, 0.2479

Background



This preview shows how black text looks on a background with the Yxy color 24.9664, 0.2086, 0.2479.



This preview shows how white text looks on a background with the Yxy color 24.9664, 0.2086, 0.2479.

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

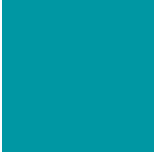
24.9664, 0.2086, 0.2479

Protanopia

24.6179, 0.2539, 0.2484

Deuteranopia

24.8039, 0.2387, 0.2329



Tritanopia

24.7776, 0.2184, 0.3061

Trichromacy



Original Color

24.9664, 0.2086, 0.2479

Protanomaly

24.1350, 0.2318, 0.2466

Deuteranomaly

24.4770, 0.2238, 0.2369

Tritanomaly

24.6610, 0.2136, 0.2832

Monochromacy



Original Color

24.9664, 0.2086, 0.2479

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.4305, 0.2575, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9664, 0.2086, 0.2479 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(43, 146, 194)` looks like.

```
.text, #text, p{  
  color:rgb(43, 146, 194)  
}
```

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(43, 146, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 146, 194) }
```

Border

The CSS property to change the border of an element to Yxy 24.9664, 0.2086, 0.2479 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(43, 146, 194) }
```

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

```
.border{ border-color:rgb(43, 146, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 146, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 146, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 146, 194);  
box-shadow:4px 4px 4px 4px rgb(43, 146,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9664, 0.2086, 0.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 146, 194) }
```

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

```
.background{ background-color: rgb(43, 146,  
194) }
```

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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