

Converting Colors

$Yxy(24.6457, 0.2442, 0.2851)$

Have a look what the booklet for
Yxy(24.6457, 0.2442, 0.2851)
contains.

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Color

$\text{Yxy}(24.6457, 0.2442, 0.2851)$

Conversions

Conversions Part 1

Format	Color
Hex	5A8FA8
RGB	90, 143, 168
RGB Percent	35%, 56%, 66%
CMY	0.6469, 0.4392, 0.3412
CMYK	0.46, 0.15, 0.00, 0.34
HSL	199°, 31%, 51%
HSV	199°, 46%, 66%
XYZ	21.1101, 24.6457, 40.6900
YIQ	130.0030, -39.6130, -3.4610

Conversions

Conversions Part 2

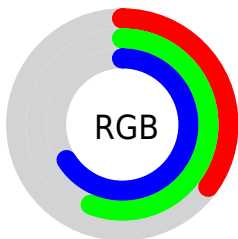
Format	Color
R_{YB}	90, 122, 168
Decimal	5935016
CIE _{Lab}	56.73, -10.69, -18.66
CIE _{LCh}	57, 21.507, 240.206
Yxy	24.6457, 0.2442, 0.2851
Android (android.graphics.Color)	4284125096 (0xFF5A8FA8)
YUV	130.0030, 18.7325, -35.0826
Hunter-Lab	49.6444, -10.9751, -13.8447

Details

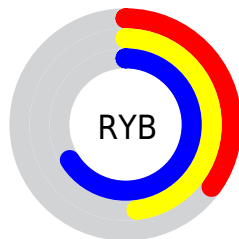
The Yxy color **24.6457, 0.2442, 0.2851** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3380, 0.4161, 0.3679**, and the grayscale version is **22.2714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1895, 0.2584, 0.2954**, and **9.4470, 0.2208, 0.2688** is the 20% darker color. If you saturate the color by 10%, you get **22.3173, 0.2314, 0.2737**, and if you desaturate by 10%, it is **27.2441, 0.2581, 0.2959**.

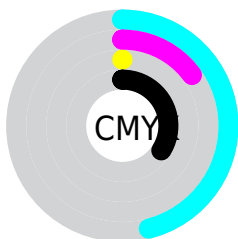
Distribution



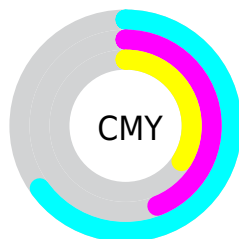
- Red (35%)
- Green (56%)
- Blue (66%)



- Red (35%)
- Yellow (48%)
- Blue (66%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.6457, 0.2442, 0.2851 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 24.6457, 0.2442, 0.2851 by changing the saturation by 10% instead.

■ 24.6457, 0.2442,
0.2851

■ 24.6457, 0.2442,
0.2851

276.0689, 0.2811,
0.3097

■ 15.8133, 0.2341,
0.2780

■ 51.0819, 0.2583,
0.2948

■ 9.3921, 0.2206,
0.2682

■ 69.4544, 0.2634,
0.2982

■ 4.9978, 0.2017,
0.2539

■ 91.7758, 0.2676,
0.3010

■ 2.2460, 0.1738,
0.2317

■ 118.4304, 0.2712,
0.3033

■ 0.7449, 0.1168,
0.1946

149.8026, 0.2742,
0.3053

■ 0.0000, 0.0000,
0.0000

186.2768, 0.2768,

0.3070

228.2374, 0.2791,
0.3084

■ 24.6457, 0.2442,
0.2851

■ 24.6457, 0.2442,
0.2851

■ 22.3173, 0.2314,
0.2737

■ 27.2441, 0.2581,
0.2959

■ 20.2421, 0.2200,
0.2619

■ 30.1226, 0.2728,
0.3061

■ 18.4054, 0.2103,
0.2498

■ 33.2940, 0.2879,
0.3154

■ 16.7889, 0.2026,
0.2377

■ 36.7692, 0.3031,
0.3240

■ 15.3681, 0.1968,
0.2258

■ 40.5589, 0.3181,
0.3317

■ 14.8861, 0.1949,
0.2215

■ 44.6727, 0.3328,
0.3386

■ 49.1202, 0.3470,
0.3447

■ 53.9101, 0.3607,
0.3501

■ 59.0512, 0.3736,
0.3549

Harmonies

Analogous

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



24.6457, 0.2483, 0.3138



24.6457, 0.2442, 0.2851



24.6457, 0.2569, 0.2701

Triad

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



24.6457, 0.2442, 0.2851



24.6457, 0.3572, 0.3080



24.6457, 0.3383, 0.3955

Complementary

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



24.6457, 0.2442, 0.2851



21.3380, 0.4161, 0.3679

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.



24.6457, 0.3697, 0.3893



24.6457, 0.2442, 0.2851



24.6457, 0.3816, 0.3378

Square

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



24.6457, 0.2442, 0.2851



24.6457, 0.3210, 0.2839



24.6457, 0.3861, 0.3673



24.6457, 0.3013, 0.3811

Rectangle

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



24.6457, 0.2442, 0.2851



24.6457, 0.2738, 0.2686



24.6457, 0.3861, 0.3673



24.6457, 0.3499, 0.3956

Sweetspot

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



24.6466, 0.2442, 0.2851



61.7204, 0.2911, 0.3173



31.4133, 0.2887, 0.4257



13.1772, 0.2880, 0.3155



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



24.6466, 0.2442, 0.2851



40.2479, 0.2306, 0.2730



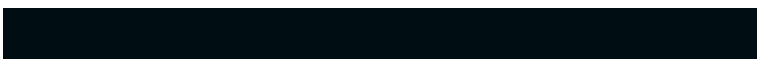
14.9726, 0.2314, 0.2129



8.1202, 0.2987, 0.3216



11.3369, 0.1952, 0.2227



0.3622, 0.2061, 0.2619

Inverse Universe

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



17.6286, 0.3514, 0.2501



26.8538, 0.3640, 0.2341



32.0793, 0.3887, 0.4226



7.6251, 0.3184, 0.3138



7.2155, 0.4204, 0.2089



0.1843, 0.3805, 0.1870

Previews

White Background



This preview shows how the Yxy color 24.6457, 0.2442, 0.2851 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 24.6457, 0.2442, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

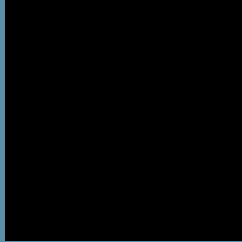
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6457, 0.2442, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 24.6457, 0.2442, 0.2851.



This preview shows how white text looks on a background with the Yxy color 24.6457, 0.2442, 0.2851.

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

24.6457, 0.2442, 0.2851

Protanopia

24.4047, 0.2811, 0.2829

Deuteranopia

24.5026, 0.2749, 0.2694



Tritanopia

24.7114, 0.2503, 0.3071

Trichromacy



Original Color

24.6457, 0.2442, 0.2851

Protanomaly

24.2165, 0.2656, 0.2831

Deuteranomaly

24.4689, 0.2625, 0.2755

Tritanomaly

24.5944, 0.2479, 0.2984

Monochromacy



Original Color

24.6457, 0.2442, 0.2851

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9864, 0.2826, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6457, 0.2442, 0.2851 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(90, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(90, 143, 168)  
}
```

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(90, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 143, 168) }
```

Border

The CSS property to change the border of an element to Yxy 24.6457, 0.2442, 0.2851 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(90, 143, 168) }
```

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

```
.border{ border-color:rgb(90, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(90, 143,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6457, 0.2442, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 143, 168) }
```

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

```
.background{ background-color: rgb(90, 143,  
168) }
```

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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