

Converting Colors

$Y_{xy}(24.6256, 0.2057, 0.2254)$

Have a look what the booklet for
Yxy(24.6256, 0.2057, 0.2254)
contains.

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Color

Yxy(24.6430, 0.2058, 0.2260)

Conversions

Conversions Part 1

Format	Color
Hex	388ECE
RGB	56, 142, 206
RGB Percent	22%, 56%, 81%
CMY	0.7806, 0.4431, 0.1922
CMYK	0.73, 0.31, 0.00, 0.19
HSL	206°, 60%, 51%
HSV	206°, 73%, 81%
XYZ	22.4404, 24.6430, 61.9564
YIQ	123.5820, -71.8000, 1.6720

Conversions

Conversions Part 2

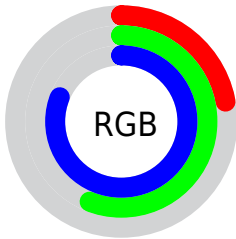
Format	Color
R _Y B	56, 111, 206
Decimal	3706574
CIE Lab	56.73, -4.44, -40.34
CIE LCh	57, 40.586, 263.714
Yxy	24.6430, 0.2058, 0.2260
Android (android.graphics.Color)	4281896654 (0xFF388ECE)
YUV	123.5820, 40.6321, -59.2694
Hunter-Lab	49.6417, -6.1826, -39.2490

Details

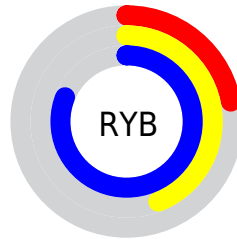
The Yxy color **24.6430, 0.2058, 0.2260** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **26.8193, 0.4916, 0.4011**, and the grayscale version is **19.8865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3152, 0.2299, 0.2545**, and **9.8887, 0.1883, 0.1978** is the 20% darker color. If you saturate the color by 10%, you get **21.6563, 0.1959, 0.2094**, and if you desaturate by 10%, it is **28.0813, 0.2177, 0.2426**.

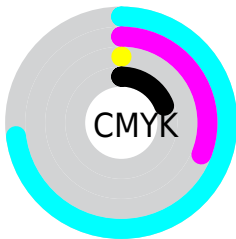
Distribution



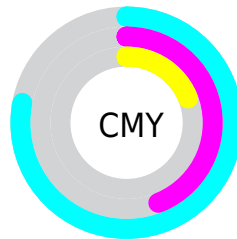
- Red (22%)
- Green (56%)
- Blue (81%)



- Red (22%)
- Yellow (44%)
- Blue (81%)



- Cyan (73%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (78%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.6430, 0.2058, 0.2260 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 24.6430, 0.2058, 0.2260 by changing the saturation by 10% instead.

■ 24.6430, 0.2058,
0.2260

■ 24.6430, 0.2058,
0.2260

276.0554, 0.2618,
0.2808

■ 15.8113, 0.1915,
0.2117

■ 51.0775, 0.2265,
0.2464

■ 9.3907, 0.1732,
0.1933

■ 69.4490, 0.2342,
0.2540

■ 4.9969, 0.1492,
0.1689

■ 91.7693, 0.2407,
0.2603

■ 2.2454, 0.1174,
0.1360

■ 118.4227, 0.2462,
0.2656

■ 0.7446, 0.0732,
0.0909

■ 149.7936, 0.2509,
0.2702

■ 0.0000, 0.0000,
0.0000

186.2664, 0.2550,

0.2742

228.2255, 0.2586,
0.2777

■ 24.6430, 0.2058,
0.2260

■ 24.6430, 0.2058,
0.2260

■ 21.6563, 0.1959,
0.2094

■ 28.0813, 0.2177,
0.2426

■ 19.0818, 0.1883,
0.1932

■ 31.9999, 0.2312,
0.2588

■ 17.4487, 0.1839,
0.1819

■ 36.4274, 0.2459,
0.2744

■ 41.3887, 0.2613,
0.2890

■ 46.9070, 0.2771,
0.3025

■ 53.0036, 0.2929,
0.3149

■ 59.6986, 0.3084,
0.3261

■ 67.0110, 0.3234,
0.3360

■ 74.9590, 0.3377,
0.3449

Harmonies

Analogous

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



24.6430, 0.1904, 0.2544



24.6430, 0.2058, 0.2260



24.6430, 0.2471, 0.2233

Triad

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



24.6430, 0.2058, 0.2260



24.6430, 0.4366, 0.3282



24.6430, 0.3024, 0.4428

Complementary

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



24.6430, 0.2058, 0.2260



26.8193, 0.4916, 0.4011

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.



24.6430, 0.3699, 0.4568



24.6430, 0.2058, 0.2260



24.6430, 0.4517, 0.3808

Square

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



24.6430, 0.2058, 0.2260



24.6430, 0.3822, 0.2797



24.6430, 0.4253, 0.4290



24.6430, 0.2413, 0.3838

Rectangle

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



24.6430, 0.2058, 0.2260



24.6430, 0.2875, 0.2339



24.6430, 0.4253, 0.4290



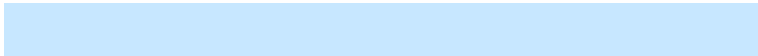
24.6430, 0.3251, 0.4531

Sweetspot

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



24.6438, 0.2058, 0.2260



76.5446, 0.2780, 0.3033



46.2938, 0.2752, 0.4720



15.8355, 0.2737, 0.2997



0.0000, 0.0000, 0.0000



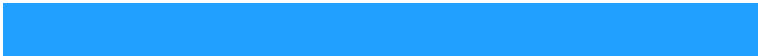
21.4041, 0.3127, 0.3290

Same Dimension

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



24.6438, 0.2058, 0.2260



32.8278, 0.1916, 0.2009



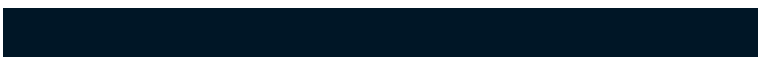
9.4839, 0.1774, 0.1132



11.8945, 0.2983, 0.3189



10.9419, 0.1845, 0.1842



0.7131, 0.1932, 0.2153

Inverse Universe

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



17.8964, 0.4122, 0.2324



24.9083, 0.4428, 0.2290



51.7582, 0.4181, 0.4773



11.3197, 0.3202, 0.3158



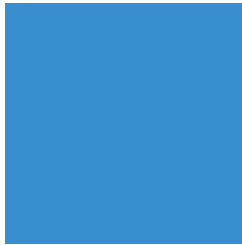
8.9076, 0.4635, 0.2327



0.4745, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 24.6430, 0.2058, 0.2260 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 24.6430, 0.2058, 0.2260 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

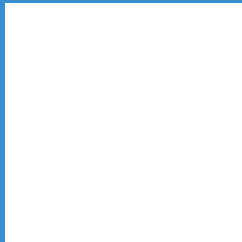
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.6430, 0.2058, 0.2260

Background



This preview shows how black text looks on a background with the Yxy color 24.6430, 0.2058, 0.2260.



This preview shows how white text looks on a background with the Yxy color 24.6430, 0.2058, 0.2260.

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

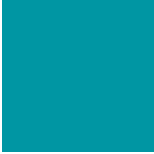
24.6430, 0.2058, 0.2260

Protanopia

24.4297, 0.2391, 0.2289

Deuteranopia

24.5347, 0.2233, 0.2175



Tritanopia

24.4570, 0.2178, 0.3041

Trichromacy



Original Color

24.6430, 0.2058, 0.2260

Protanomaly

24.1525, 0.2237, 0.2264

Deuteranomaly

24.5210, 0.2156, 0.2210

Tritanomaly

24.2708, 0.2108, 0.2713

Monochromacy



Original Color

24.6430, 0.2058, 0.2260

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.2183, 0.2581, 0.2868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6430, 0.2058, 0.2260 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(56, 142, 206)` looks like.

```
.text, #text, p{  
    color:rgb(56, 142, 206)  
}
```

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(56, 142, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 142, 206) }
```

Border

The CSS property to change the border of an element to Yxy 24.6430, 0.2058, 0.2260 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(56, 142, 206) }
```

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

```
.border{ border-color:rgb(56, 142, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 142, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 142, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 142, 206);  
box-shadow:4px 4px 4px 4px rgb(56, 142,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6430, 0.2058, 0.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 142, 206) }
```

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

```
.background{ background-color: rgb(56, 142,  
206) }
```

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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