

Converting Colors

$Y_{xy}(24.0593, 0.2605, 0.2183)$

Have a look what the booklet for
Yxy(24.0593, 0.2605, 0.2183)
contains.

Yxy(24.1291, 0.2610, 0.2193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.1291, 0.2610, 0.2193)

Conversions

Conversions Part 1

Format	Color
Hex	8F7BC7
RGB	143, 123, 199
RGB Percent	56%, 48%, 78%
CMY	0.4393, 0.5176, 0.2196
CMYK	0.28, 0.38, 0.00, 0.22
HSL	256°, 40%, 63%
HSV	256°, 38%, 78%
XYZ	28.7173, 24.1291, 57.1815
YIQ	137.6440, -12.4760, 27.8760

Conversions

Conversions Part 2

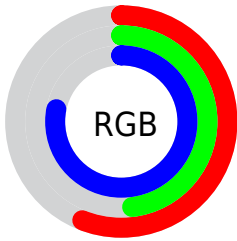
Format	Color
RYB	143, 123, 199
Decimal	9403335
CIELab	56.22, 24.23, -36.85
CIELCh	56, 44.101, 303.328
Yxy	24.1291, 0.2610, 0.2193
Android (android.graphics.Color)	4287593415 (0xFF8F7BC7)
YUV	137.6440, 30.2485, 4.6972
Hunter-Lab	49.1214, 18.3920, -34.6336

Details

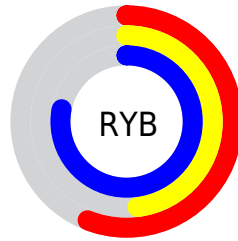
The Yxy color **24.1291, 0.2610, 0.2193** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **51.8694, 0.3521, 0.4287**, and the grayscale version is **25.1594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2764, 0.2728, 0.2412**, and **9.1156, 0.2412, 0.1867** is the 20% darker color. If you saturate the color by 10%, you get **18.4592, 0.2439, 0.1866**, and if you desaturate by 10%, it is **30.9757, 0.2769, 0.2511**.

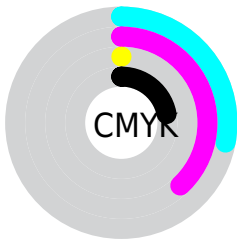
Distribution



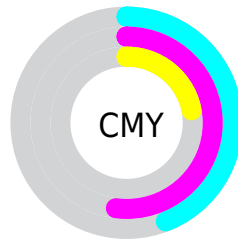
- Red (56%)
- Green (48%)
- Blue (78%)



- Red (56%)
- Yellow (48%)
- Blue (78%)



- Cyan (28%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)





- Cyan (44%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1291, 0.2610, 0.2193 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 24.1291, 0.2610, 0.2193 by changing the saturation by 10% instead.


 24.1291, 0.2610,
0.2193


 24.1291, 0.2610,
0.2193


273.4725, 0.2899,
0.2754


 15.4294, 0.2529,
0.2052


 50.2408, 0.2722,
0.2398

 9.1213, 0.2419,
0.1873


 68.4216, 0.2762,
0.2475

 4.8204, 0.2266,
0.1638


 90.5315, 0.2795,
0.2540

 2.1423, 0.2039,
0.1324

116.9550, 0.2823,
0.2595

 0.6882, 0.1689,
0.0885

148.0765, 0.2846,
0.2643

 0.0000, 0.0682,
0.0000

184.2803, 0.2866,

 0.0000, 0.0000,

0.2685

0.0000

225.9508, 0.2884,
0.2721

■ 24.1291, 0.2610,
0.2193

■ 24.1291, 0.2610,
0.2193

■ 18.4592, 0.2439,
0.1866

■ 30.9757, 0.2769,
0.2511

■ 13.8954, 0.2260,
0.1546

■ 39.0586, 0.2911,
0.2811

■ 10.3637, 0.2084,
0.1253

■ 48.4363, 0.3037,
0.3085

■ 7.7797, 0.1921,
0.1005

■ 59.1632, 0.3146,
0.3333

■ 6.0451, 0.1781,
0.0820

■ 71.2902, 0.3239,
0.3553

■ 5.0130, 0.1672,
0.0703

■ 84.8657, 0.3318,
0.3747

■ 4.8618, 0.1655,
0.0685

■ 95.1790, 0.3398,
0.3851

■ 96.9039, 0.3460,
0.3840

Harmonies

Analogous

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



24.1291, 0.2084, 0.2139



24.1291, 0.2610, 0.2193



24.1291, 0.3352, 0.2467

Triad

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



24.1291, 0.2610, 0.2193



24.1291, 0.4590, 0.4014



24.1291, 0.2180, 0.3625

Complementary

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



24.1291, 0.2610, 0.2193



51.8694, 0.3521, 0.4287

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.



24.1291, 0.2776, 0.4384



24.1291, 0.2610, 0.2193



24.1291, 0.4174, 0.4502

Square

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



24.1291, 0.2610, 0.2193



24.1291, 0.4587, 0.3450



24.1291, 0.3507, 0.4705



24.1291, 0.1857, 0.2851

Rectangle

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



24.1291, 0.2610, 0.2193



24.1291, 0.3876, 0.2747



24.1291, 0.3507, 0.4705



24.1291, 0.2353, 0.3902

Sweetspot

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



24.1300, 0.2610, 0.2193



79.6776, 0.3001, 0.3007



40.9817, 0.2561, 0.3016



16.5618, 0.2984, 0.2969



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.



24.1300, 0.2610, 0.2193



33.6933, 0.2465, 0.1916



27.9966, 0.2975, 0.2300



10.4200, 0.3023, 0.3054



3.1626, 0.1666, 0.0691



0.1861, 0.1895, 0.0818

Inverse Universe

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



29.5678, 0.3382, 0.2578



44.7424, 0.3457, 0.2426



48.0327, 0.3215, 0.4393



10.7672, 0.3177, 0.3121



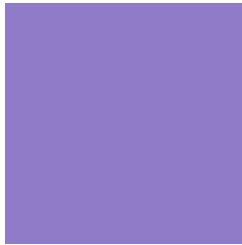
9.1714, 0.4000, 0.1977



0.4457, 0.3800, 0.1867

Previews

White Background



This preview shows how the Yxy color 24.1291, 0.2610, 0.2193 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 24.1291, 0.2610, 0.2193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

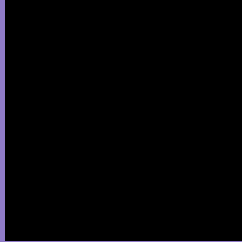
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1291, 0.2610, 0.2193

Background



This preview shows how black text looks on a background with the Yxy color 24.1291, 0.2610, 0.2193.



This preview shows how white text looks on a background with the Yxy color 24.1291, 0.2610, 0.2193.

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

24.1291, 0.2610, 0.2193

Protanopia

24.1957, 0.2290, 0.2156

Deuteranopia

24.3326, 0.2362, 0.2308



Tritanopia

24.0001, 0.2993, 0.3103

Trichromacy



Original Color

24.1291, 0.2610, 0.2193

Protanomaly

24.1251, 0.2396, 0.2171

Deuteranomaly

24.1074, 0.2438, 0.2256

Tritanomaly

23.9161, 0.2841, 0.2726

Monochromacy



Original Color

24.1291, 0.2610, 0.2193

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8886, 0.2931, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1291, 0.2610, 0.2193 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(143, 123, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 123, 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(143, 123, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 123, 199) }
```

Border

The CSS property to change the border of an element to Yxy 24.1291, 0.2610, 0.2193 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(143, 123, 199) }
```

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

```
.border{ border-color:rgb(143, 123, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 123, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 123, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 123, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 123,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1291, 0.2610, 0.2193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 123, 199) }
```

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

```
.background{ background-color: rgb(143,  
123, 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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