

Converting Colors

$Y_{xy}(24.2080, 0.2569, 0.2130)$

Have a look what the booklet for
Yxy(24.2080, 0.2569, 0.2130)
contains.

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Color

Yxy(24.1183, 0.2570, 0.2124)

Conversions

Conversions Part 1

Format	Color
Hex	8F7ACC
RGB	143, 122, 204
RGB Percent	56%, 48%, 80%
CMY	0.4393, 0.5215, 0.2000
CMYK	0.30, 0.40, 0.00, 0.20
HSL	255°, 45%, 64%
HSV	255°, 40%, 80%
XYZ	29.1827, 24.1183, 60.2503
YIQ	137.6270, -13.8060, 29.9540

Conversions

Conversions Part 2

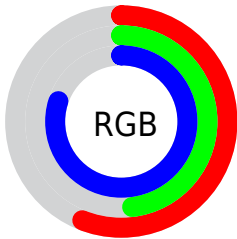
Format	Color
R_{YB}	143, 122, 204
Decimal	9403084
CIE _{Lab}	56.21, 26.08, -39.70
CIE _{LCh}	56, 47.502, 303.299
Y _{xy}	24.1183, 0.2570, 0.2124
Android (android.graphics.Color)	4287593164 (0xFF8F7ACC)
YUV	137.6270, 32.7219, 4.7121
Hunter-Lab	49.1104, 20.1262, -38.3618

Details

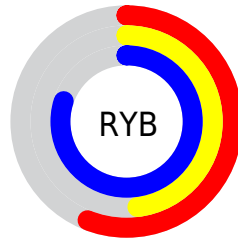
The Yxy color $24.1183, 0.2570, 0.2124$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $54.6706, 0.3545, 0.4341$, and the grayscale version is $25.1429, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.8857, 0.2727, 0.2401$, and $9.1087, 0.2372, 0.1797$ is the 20% darker color. If you saturate the color by 10%, you get $18.3590, 0.2395, 0.1796$, and if you desaturate by 10%, it is $31.1146, 0.2733, 0.2446$.

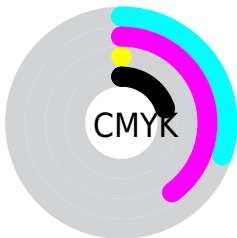
Distribution



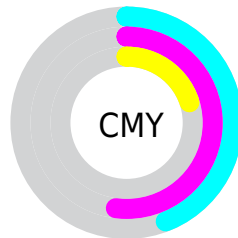
- Red (56%)
- Green (48%)
- Blue (80%)



- Red (56%)
- Yellow (48%)
- Blue (80%)



- Cyan (30%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)





- Cyan (44%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1183, 0.2570, 0.2124 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 24.1183, 0.2570, 0.2124 by changing the saturation by 10% instead.


 24.1183, 0.2570,
0.2124


 24.1183, 0.2570,
0.2124


273.4180, 0.2881,
0.2716


 15.4214, 0.2483,
0.1978


 50.2232, 0.2690,
0.2339

 9.1157, 0.2367,
0.1792


 68.3999, 0.2733,
0.2420

 4.8167, 0.2206,
0.1553


 90.5055, 0.2769,
0.2488

 2.1401, 0.1970,
0.1237

116.9241, 0.2798,
0.2547

 0.6870, 0.1613,
0.0807

148.0403, 0.2824,
0.2598

 0.0000, 0.0722,
0.0000

184.2384, 0.2845,

 0.0000, 0.0000,

0.2642

0.0000

225.9029, 0.2864,
0.2681

■ 24.1183, 0.2570,
0.2124

■ 24.1183, 0.2570,
0.2124

■ 18.3590, 0.2395,
0.1796

■ 31.1146, 0.2733,
0.2446

■ 13.7601, 0.2215,
0.1478

■ 39.4125, 0.2881,
0.2751

■ 10.2410, 0.2040,
0.1191

■ 49.0754, 0.3012,
0.3032

■ 7.7090, 0.1880,
0.0955

■ 60.1620, 0.3125,
0.3285

■ 6.0550, 0.1746,
0.0785

■ 72.7271, 0.3222,
0.3511

■ 5.0938, 0.1646,
0.0680

■ 86.8228, 0.3305,
0.3711

■ 96.0717, 0.3392,
0.3797

■ 97.1402, 0.3430,
0.3790

Harmonies

Analogous

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



24.1183, 0.2015, 0.2065



24.1183, 0.2570, 0.2124



24.1183, 0.3365, 0.2413

Triad

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



24.1183, 0.2570, 0.2124



24.1183, 0.4692, 0.4046



24.1183, 0.2112, 0.3648

Complementary

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



24.1183, 0.2570, 0.2124



54.6706, 0.3545, 0.4341

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.



24.1183, 0.2744, 0.4481



24.1183, 0.2570, 0.2124



24.1183, 0.4238, 0.4579

Square

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



24.1183, 0.2570, 0.2124



24.1183, 0.4698, 0.3448



24.1183, 0.3523, 0.4819



24.1183, 0.1774, 0.2811

Rectangle

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



24.1183, 0.2570, 0.2124



24.1183, 0.3931, 0.2708



24.1183, 0.3523, 0.4819



24.1183, 0.2294, 0.3952

Sweetspot

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



24.1192, 0.2570, 0.2124



77.9392, 0.2988, 0.2979



42.5771, 0.2533, 0.2998



16.2135, 0.2971, 0.2943



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.



24.1192, 0.2570, 0.2124



31.7653, 0.2423, 0.1847



28.4126, 0.2964, 0.2245



10.9802, 0.3021, 0.3053



3.2438, 0.1657, 0.0687



0.2046, 0.1867, 0.0802

Inverse Universe

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



30.1825, 0.3393, 0.2534



43.2925, 0.3468, 0.2383



50.3926, 0.3218, 0.4461



11.3529, 0.3176, 0.3119



9.5199, 0.3975, 0.1964



0.5030, 0.3794, 0.1864

Previews

White Background



This preview shows how the Yxy color 24.1183, 0.2570, 0.2124 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 24.1183, 0.2570, 0.2124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

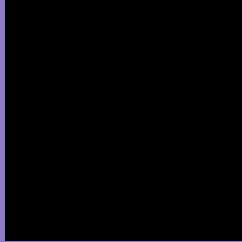
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1183, 0.2570, 0.2124

Background



This preview shows how black text looks on a background with the Yxy color 24.1183, 0.2570, 0.2124.



This preview shows how white text looks on a background with the Yxy color 24.1183, 0.2570, 0.2124.

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

24.1183, 0.2570, 0.2124

Protanopia

24.2497, 0.2230, 0.2082

Deuteranopia

24.2103, 0.2302, 0.2250



Tritanopia

24.1976, 0.2982, 0.3119

Trichromacy



Original Color

24.1183, 0.2570, 0.2124

Protanomaly

23.9430, 0.2334, 0.2083

Deuteranomaly

24.0811, 0.2388, 0.2202

Tritanomaly

23.8693, 0.2821, 0.2709

Monochromacy



Original Color

24.1183, 0.2570, 0.2124

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.6866, 0.2912, 0.2809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1183, 0.2570, 0.2124 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, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 122, 204)  
}
```

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, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 122, 204) }
```

Border

The CSS property to change the border of an element to Yxy 24.1183, 0.2570, 0.2124 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, 122, 204) }
```

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

```
.border{ border-color:rgb(143, 122, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 122, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 122,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1183, 0.2570, 0.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 122, 204) }
```

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

```
.background{ background-color: rgb(143,  
122, 204) }
```

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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