

Converting Colors

$Y_{xy}(24.2155, 0.2539, 0.2046)$

Have a look what the booklet for
Yxy(24.2155, 0.2539, 0.2046)
contains.

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Color

Yxy(24.3476, 0.2542, 0.2053)

Conversions

Conversions Part 1

Format	Color
Hex	9179D2
RGB	145, 121, 210
RGB Percent	57%, 47%, 82%
CMY	0.4315, 0.5255, 0.1764
CMYK	0.31, 0.42, 0.00, 0.18
HSL	256°, 50%, 65%
HSV	256°, 42%, 82%
XYZ	30.1469, 24.3476, 64.1007
YIQ	138.3220, -14.2650, 32.7670

Conversions

Conversions Part 2

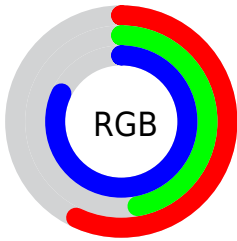
Format	Color
R_{YB}	145, 121, 210
Decimal	9533906
CIE _{Lab}	56.43, 28.77, -42.74
CIE _{LCh}	56, 51.518, 303.950
Yxy	24.3476, 0.2542, 0.2053
Android (android.graphics.Color)	4287723986 (0xFF9179D2)
YUV	138.3220, 35.3373, 5.8566
Hunter-Lab	49.3433, 22.7061, -42.4820

Details

The Yxy color **24.3476, 0.2542, 0.2053** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **57.9329, 0.3556, 0.4405**, and the grayscale version is **25.4113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9096, 0.2748, 0.2395**, and **9.2254, 0.2328, 0.1711** is the 20% darker color. If you saturate the color by 10%, you get **18.4863, 0.2367, 0.1727**, and if you desaturate by 10%, it is **31.5102, 0.2706, 0.2377**.

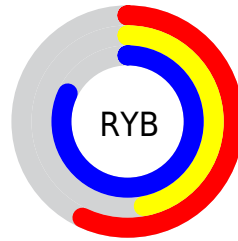
Distribution



Red (57%)

Green (47%)

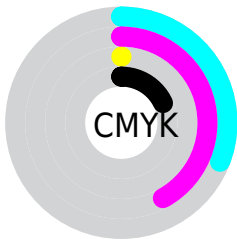
Blue (82%)



Red (57%)

Yellow (47%)

Blue (82%)

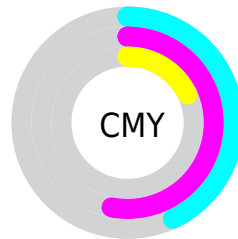


Cyan (31%)

Magenta (42%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (53%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.3476, 0.2542, 0.2053 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 24.3476, 0.2542, 0.2053 by changing the saturation by 10% instead.

■ 24.3476, 0.2542,
0.2053

■ 24.3476, 0.2542,
0.2053

274.5731, 0.2868,
0.2674

■ 15.5917, 0.2452,
0.1902

■ 50.5968, 0.2667,
0.2277

■ 9.2357, 0.2332,
0.1712

■ 68.8589, 0.2713,
0.2362

■ 4.8952, 0.2166,
0.1470

■ 91.0586, 0.2750,
0.2433

■ 2.1859, 0.1927,
0.1157

117.5801, 0.2781,
0.2495

■ 0.7123, 0.1571,
0.0745

148.8079, 0.2808,
0.2549

■ 0.0000, 0.0834,
0.0000

185.1264, 0.2831,

■ 0.0000, 0.0000,

0.2596

0.0000

226.9200, 0.2850,
0.2637

■ 24.3476, 0.2542,
0.2053

■ 24.3476, 0.2542,
0.2053

■ 18.4863, 0.2367,
0.1727

■ 31.5102, 0.2706,
0.2377

■ 13.8432, 0.2189,
0.1416

■ 40.0448, 0.2855,
0.2686

■ 10.3297, 0.2018,
0.1140

■ 50.0201, 0.2987,
0.2972

■ 7.8434, 0.1863,
0.0918

■ 61.4993, 0.3102,
0.3232

■ 6.2627, 0.1736,
0.0764

■ 74.5419, 0.3201,
0.3464

■ 5.5115, 0.1659,
0.0688

■ 89.2041, 0.3285,
0.3670

■ 96.9457, 0.3376,
0.3733

■ 97.4345, 0.3393,
0.3730

Harmonies

Analogous

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



24.3476, 0.1949, 0.1982



24.3476, 0.2542, 0.2053



24.3476, 0.3399, 0.2362

Triad

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



24.3476, 0.2542, 0.2053



24.3476, 0.4797, 0.4092



24.3476, 0.2023, 0.3652

Complementary

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



24.3476, 0.2542, 0.2053



57.9329, 0.3556, 0.4405

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.



24.3476, 0.2688, 0.4576



24.3476, 0.2542, 0.2053



24.3476, 0.4291, 0.4672

Square

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



24.3476, 0.2542, 0.2053



24.3476, 0.4828, 0.3457



24.3476, 0.3519, 0.4948



24.3476, 0.1679, 0.2748

Rectangle

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



24.3476, 0.2542, 0.2053



24.3476, 0.4013, 0.2676



24.3476, 0.3519, 0.4948



24.3476, 0.2214, 0.3987

Sweetspot

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



24.3485, 0.2542, 0.2053



76.3348, 0.2978, 0.2951



43.9592, 0.2499, 0.2958



15.5655, 0.2949, 0.2889



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.



24.3485, 0.2542, 0.2053



29.3454, 0.2382, 0.1753



29.1821, 0.2966, 0.2190



11.5695, 0.3023, 0.3053



3.4036, 0.1671, 0.0694



0.2298, 0.1869, 0.0803

Inverse Universe

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



30.9291, 0.3426, 0.2505



41.0806, 0.3514, 0.2348



53.2183, 0.3210, 0.4540



11.9524, 0.3178, 0.3122



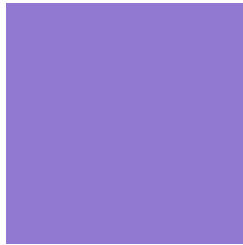
9.7872, 0.4026, 0.1991



0.5601, 0.3843, 0.1891

Previews

White Background



This preview shows how the Yxy color 24.3476, 0.2542, 0.2053 looks on a white background.

Color Contrast Check

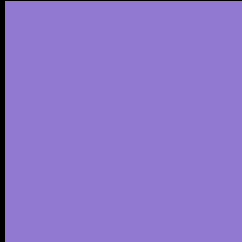
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3476, 0.2542, 0.2053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

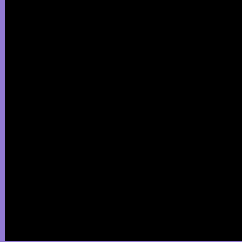
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3476, 0.2542, 0.2053

Background



This preview shows how black text looks on a background with the Yxy color 24.3476, 0.2542, 0.2053.



This preview shows how white text looks on a background with the Yxy color 24.3476, 0.2542, 0.2053.

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

24.3476, 0.2542, 0.2053

Protanopia

24.4365, 0.2175, 0.2003

Deuteranopia

24.5423, 0.2245, 0.2188



Tritanopia

24.3088, 0.2983, 0.3103

Trichromacy



Original Color

24.3476, 0.2542, 0.2053

Protanomaly

24.1781, 0.2291, 0.2018

Deuteranomaly

24.2323, 0.2336, 0.2130

Tritanomaly

24.1482, 0.2814, 0.2669

Monochromacy



Original Color

24.3476, 0.2542, 0.2053

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8456, 0.2903, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3476, 0.2542, 0.2053 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(145, 121, 210)` looks like.

```
.text, #text, p{  
    color:rgb(145, 121, 210)  
}
```

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(145, 121, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 121, 210) }
```

Border

The CSS property to change the border of an element to Yxy 24.3476, 0.2542, 0.2053 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(145, 121, 210) }
```

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

```
.border{ border-color:rgb(145, 121, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 121, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 121, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 121, 210);  
box-shadow:4px 4px 4px 4px rgb(145, 121,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3476, 0.2542, 0.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 121, 210) }
```

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

```
.background{ background-color: rgb(145,  
121, 210) }
```

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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