

Converting Colors

$Y_{xy}(23.0031, 0.2546, 0.2026)$

Have a look what the booklet for
Yxy(23.0031, 0.2546, 0.2026)
contains.

Yxy(23.0672, 0.2540, 0.2024)	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(23.0672, 0.2540, 0.2024)

Conversions

Conversions Part 1

Format	Color
Hex	8F75CF
RGB	143, 117, 207
RGB Percent	56%, 46%, 81%
CMY	0.4393, 0.5411, 0.1883
CMYK	0.31, 0.43, 0.00, 0.19
HSL	257°, 48%, 64%
HSV	257°, 43%, 81%
XYZ	28.9480, 23.0672, 61.9532
YIQ	135.0340, -13.3940, 33.5020

Conversions

Conversions Part 2

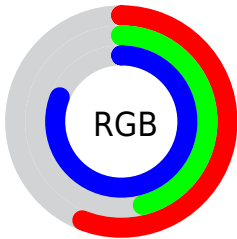
Format	Color
RYB	143, 117, 207
Decimal	9401807
CIELab	55.14, 29.76, -43.07
CIELCh	55, 52.353, 304.644
Yxy	23.0672, 0.2540, 0.2024
Android (android.graphics.Color)	4287591887 (0xFF8F75CF)
YUV	135.0340, 35.4792, 6.9862
Hunter-Lab	48.0283, 23.5372, -42.8602

Details

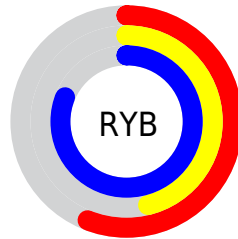
The Yxy color **23.0672, 0.2540, 0.2024** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **55.7335, 0.3551, 0.4439**, and the grayscale version is **24.1116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7380, 0.2729, 0.2335**, and **8.5251, 0.2320, 0.1668** is the 20% darker color. If you saturate the color by 10%, you get **17.5367, 0.2369, 0.1701**, and if you desaturate by 10%, it is **29.8383, 0.2701, 0.2346**.

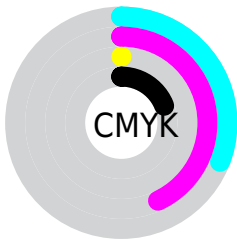
Distribution



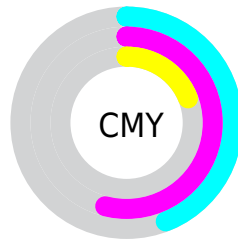
- Red (56%)
- Green (46%)
- Blue (81%)



- Red (56%)
- Yellow (46%)
- Blue (81%)



- Cyan (31%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0672, 0.2540, 0.2024 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 23.0672, 0.2540, 0.2024 by changing the saturation by 10% instead.


 23.0672, 0.2540,
0.2024


 23.0672, 0.2540,
0.2024


268.0700, 0.2870,
0.2663


 14.6431, 0.2448,
0.1868


 48.5036, 0.2668,
0.2255

 8.5693, 0.2324,
0.1672


 66.2848, 0.2714,
0.2342

 4.4613, 0.2152,
0.1422


 87.9538, 0.2751,
0.2416

 1.9348, 0.1903,
0.1098

113.8950, 0.2783,
0.2479

 0.5692, 0.1534,
0.0650

144.4929, 0.2810,
0.2534

 0.0000, 0.0615,
0.0000

180.1317, 0.2833,

 0.0000, 0.0000,

0.2582

0.0000

221.1959, 0.2853,
0.2625

■ 23.0672, 0.2540,
0.2024

■ 23.0672, 0.2540,
0.2024

■ 17.5367, 0.2369,
0.1701

■ 29.8383, 0.2701,
0.2346

■ 13.1665, 0.2194,
0.1396

■ 37.9184, 0.2848,
0.2656

■ 9.8706, 0.2026,
0.1127

■ 47.3737, 0.2978,
0.2943

■ 7.5496, 0.1874,
0.0913

■ 58.2652, 0.3092,
0.3205

■ 6.0841, 0.1749,
0.0766

■ 70.6502, 0.3189,
0.3440

■ 5.4572, 0.1682,
0.0700

■ 84.5829, 0.3272,
0.3649

■ 95.6280, 0.3353,
0.3770

■ 97.2846, 0.3412,
0.3761

Harmonies

Analogous

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



23.0672, 0.1925, 0.1944



23.0672, 0.2540, 0.2024



23.0672, 0.3429, 0.2346

Triad

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



23.0672, 0.2540, 0.2024



23.0672, 0.4840, 0.4120



23.0672, 0.1976, 0.3638

Complementary

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



23.0672, 0.2540, 0.2024



55.7335, 0.3551, 0.4439

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.



23.0672, 0.2650, 0.4610



23.0672, 0.2540, 0.2024



23.0672, 0.4304, 0.4721

Square

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



23.0672, 0.2540, 0.2024



23.0672, 0.4890, 0.3469



23.0672, 0.3504, 0.5007



23.0672, 0.1634, 0.2708

Rectangle

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



23.0672, 0.2540, 0.2024



23.0672, 0.4063, 0.2669



23.0672, 0.3504, 0.5007



23.0672, 0.2168, 0.3988

Sweetspot

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



23.0681, 0.2540, 0.2024



76.4414, 0.2982, 0.2952



41.5382, 0.2481, 0.2926



15.5915, 0.2955, 0.2890



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.



23.0681, 0.2540, 0.2024



28.7803, 0.2383, 0.1728



27.8577, 0.2976, 0.2168



11.5806, 0.3026, 0.3053



3.4808, 0.1694, 0.0707



0.2353, 0.1895, 0.0818

Inverse Universe

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



29.3270, 0.3455, 0.2506



40.2732, 0.3551, 0.2355



51.1837, 0.3199, 0.4579



11.9485, 0.3181, 0.3126



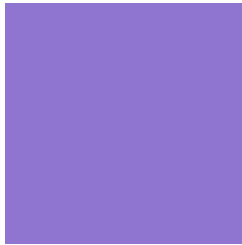
9.7072, 0.4096, 0.2030



0.5561, 0.3896, 0.1920

Previews

White Background



This preview shows how the Yxy color 23.0672, 0.2540, 0.2024 looks on a white background.

Color Contrast Check

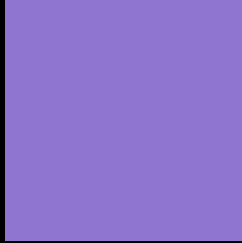
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0672, 0.2540, 0.2024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

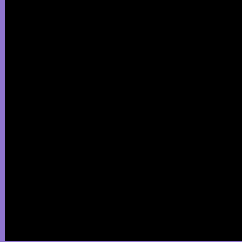
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0672, 0.2540, 0.2024

Background



This preview shows how black text looks on a background with the Yxy color 23.0672, 0.2540, 0.2024.



This preview shows how white text looks on a background with the Yxy color 23.0672, 0.2540, 0.2024.

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

23.0672, 0.2540, 0.2024

Protanopia

23.2493, 0.2145, 0.1969

Deuteranopia

23.2951, 0.2220, 0.2166



Tritanopia

22.9314, 0.3001, 0.3100

Trichromacy



Original Color

23.0672, 0.2540, 0.2024

Protanomaly

23.0330, 0.2266, 0.1986

Deuteranomaly

23.0313, 0.2316, 0.2109

Tritanomaly

22.8258, 0.2818, 0.2643

Monochromacy



Original Color

23.0672, 0.2540, 0.2024

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.4148, 0.2898, 0.2755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0672, 0.2540, 0.2024 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, 117, 207)` looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 207)  
}
```

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, 117, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 207) }
```

Border

The CSS property to change the border of an element to Yxy 23.0672, 0.2540, 0.2024 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, 117, 207) }
```

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

```
.border{ border-color:rgb(143, 117, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 117, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 117, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 117, 207); box-shadow:4px 4px 4px 4px rgb(143, 117, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0672, 0.2540, 0.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 207) }
```

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

```
.background{ background-color: rgb(143,  
117, 207) }
```

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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