

Converting Colors

$Y_{xy}(22.9298, 0.2493, 0.1976)$

Have a look what the booklet for
Yxy(22.9298, 0.2493, 0.1976)
contains.

Yxy(23.0384, 0.2500, 0.1988)	3
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Color

Yxy(23.0384, 0.2500, 0.1988)

Conversions

Conversions Part 1

Format	Color
Hex	8D75D2
RGB	141, 117, 210
RGB Percent	55%, 46%, 82%
CMY	0.4472, 0.5411, 0.1766
CMYK	0.33, 0.44, 0.00, 0.18
HSL	255°, 51%, 64%
HSV	255°, 44%, 82%
XYZ	28.9718, 23.0384, 63.8771
YIQ	134.7780, -15.5490, 34.0110

Conversions

Conversions Part 2

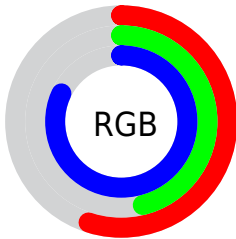
Format	Color
R_{YB}	141, 117, 210
Decimal	9270738
CIE _{Lab}	55.11, 29.98, -44.82
CIE _{LCh}	55, 53.923, 303.780
Yxy	23.0384, 0.2500, 0.1988
Android (android.graphics.Color)	4287460818 (0xFF8D75D2)
YUV	134.7780, 37.0844, 5.4567
Hunter-Lab	47.9983, 23.7457, -45.3054

Details

The Yxy color **23.0384, 0.2500, 0.1988** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **57.8094, 0.3581, 0.4452**, and the grayscale version is **24.0063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4663, 0.2715, 0.2331**, and **8.5270, 0.2271, 0.1625** is the 20% darker color. If you saturate the color by 10%, you get **17.4105, 0.2322, 0.1662**, and if you desaturate by 10%, it is **29.9577, 0.2669, 0.2315**.

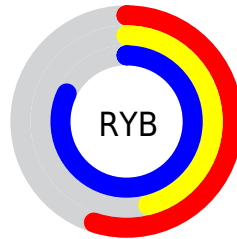
Distribution



Red (55%)

Green (46%)

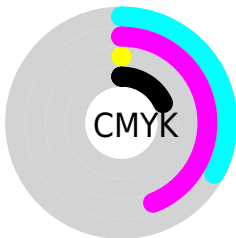
Blue (82%)



Red (55%)

Yellow (46%)

Blue (82%)

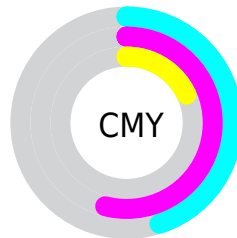


Cyan (33%)

Magenta (44%)

Yellow (0%)

Black (18%)



Cyan (45%)


Magenta (54%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0384, 0.2500, 0.1988 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 23.0384, 0.2500, 0.1988 by changing the saturation by 10% instead.


 23.0384, 0.2500,
0.1988


 23.0384, 0.2500,
0.1988

267.9222, 0.2851,
0.2642


 14.6219, 0.2403,
0.1829


 48.4564, 0.2635,
0.2224

 8.5544, 0.2273,
0.1631


 66.2266, 0.2684,
0.2313

 4.4517, 0.2094,
0.1378


 87.8835, 0.2724,
0.2389

 1.9293, 0.1838,
0.1055

113.8115, 0.2758,
0.2454

 0.5659, 0.1463,
0.0615

144.3950, 0.2786,
0.2510

 0.0000, 0.0575,
0.0000

180.0183, 0.2811,

 0.0000, 0.0000,

0.2560

0.0000

221.0659, 0.2832,
0.2604

■ 23.0384, 0.2500,
0.1988

■ 23.0384, 0.2500,
0.1988

■ 17.4105, 0.2322,
0.1662

■ 29.9577, 0.2669,
0.2315

■ 12.9892, 0.2143,
0.1354

■ 38.2407, 0.2823,
0.2628

■ 9.6833, 0.1972,
0.1086

■ 47.9574, 0.2961,
0.2920

■ 7.3872, 0.1822,
0.0876

■ 59.1721, 0.3081,
0.3185

■ 5.9734, 0.1702,
0.0736

■ 71.9453, 0.3185,
0.3423

■ 5.4389, 0.1646,
0.0681

■ 86.3339, 0.3273,
0.3633

■ 96.5118, 0.3361,
0.3735

■ 97.4320, 0.3394,
0.3731

Harmonies

Analogous

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



23.0384, 0.1882, 0.1913



23.0384, 0.2500, 0.1988



23.0384, 0.3407, 0.2309

Triad

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



23.0384, 0.2500, 0.1988



23.0384, 0.4893, 0.4113



23.0384, 0.1959, 0.3678

Complementary

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



23.0384, 0.2500, 0.1988



57.8094, 0.3581, 0.4452

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.



23.0384, 0.2656, 0.4679



23.0384, 0.2500, 0.1988



23.0384, 0.4349, 0.4739

Square

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



23.0384, 0.2500, 0.1988



23.0384, 0.4934, 0.3447



23.0384, 0.3532, 0.5061



23.0384, 0.1603, 0.2710

Rectangle

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



23.0384, 0.2500, 0.1988



23.0384, 0.4063, 0.2636



23.0384, 0.3532, 0.5061



23.0384, 0.2158, 0.4041

Sweetspot

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



23.0393, 0.2500, 0.1988



76.2705, 0.2975, 0.2951



43.8648, 0.2478, 0.2963



15.5497, 0.2946, 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.



23.0393, 0.2500, 0.1988



27.5526, 0.2334, 0.1683



27.9111, 0.2941, 0.2136



11.5628, 0.3021, 0.3052



3.3597, 0.1659, 0.0687



0.2266, 0.1854, 0.0795

Inverse Universe

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



29.9720, 0.3431, 0.2460



39.8339, 0.3518, 0.2302



52.9646, 0.3222, 0.4598



11.9549, 0.3177, 0.3119



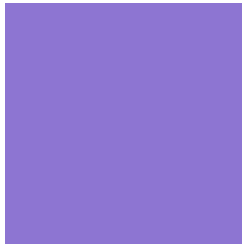
9.8370, 0.3984, 0.1968



0.5625, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 23.0384, 0.2500, 0.1988 looks on a white background.

Color Contrast Check

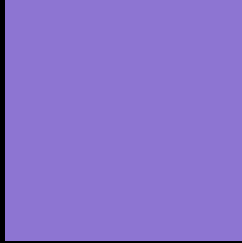
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0384, 0.2500, 0.1988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

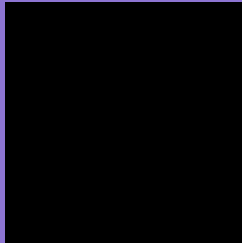
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0384, 0.2500, 0.1988

Background



This preview shows how black text looks on a background with the Yxy color 23.0384, 0.2500, 0.1988.



This preview shows how white text looks on a background with the Yxy color 23.0384, 0.2500, 0.1988.

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

23.0384, 0.2500, 0.1988

Protanopia

23.3007, 0.2120, 0.1936

Deuteranopia

23.2828, 0.2186, 0.2127



Tritanopia

22.9977, 0.2959, 0.3098

Trichromacy



Original Color

23.0384, 0.2500, 0.1988

Protanomaly

23.0565, 0.2235, 0.1951

Deuteranomaly

23.0478, 0.2284, 0.2072

Tritanomaly

22.8743, 0.2779, 0.2640

Monochromacy



Original Color

23.0384, 0.2500, 0.1988

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.3653, 0.2878, 0.2739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0384, 0.2500, 0.1988 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(141, 117, 210)` looks like.

```
.text, #text, p{  
    color:rgb(141, 117, 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(141, 117, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 117, 210) }
```

Border

The CSS property to change the border of an element to Yxy 23.0384, 0.2500, 0.1988 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(141, 117, 210) }
```

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

```
.border{ border-color:rgb(141, 117, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 117, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 117, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 117, 210);  
box-shadow:4px 4px 4px 4px rgb(141, 117,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0384, 0.2500, 0.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 117, 210) }
```

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

```
.background{ background-color: rgb(141,  
117, 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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