

Converting Colors

$Y_{xy}(14.8280, 0.2792, 0.1923)$

Have a look what the booklet for
Yxy(14.8280, 0.2792, 0.1923)
contains.

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Color

Yxy(14.8278, 0.2791, 0.1923)

Conversions

Conversions Part 1

Format	Color
Hex	8D53AC
RGB	141, 83, 172
RGB Percent	55%, 33%, 67%
CMY	0.4472, 0.6744, 0.3255
CMYK	0.18, 0.52, 0.00, 0.33
HSL	279°, 35%, 50%
HSV	279°, 52%, 67%
XYZ	21.5207, 14.8278, 40.7591
YIQ	110.4880, 5.9990, 39.9750

Conversions

Conversions Part 2

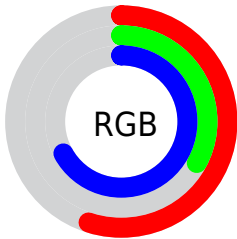
Format	Color
R _Y B	141, 83, 172
Decimal	9261996
CIE Lab	45.40, 40.11, -38.28
CIE LCh	45, 55.444, 316.332
Yxy	14.8278, 0.2791, 0.1923
Android (android.graphics.Color)	4287452076 (0xFF8D53AC)
YUV	110.4880, 30.3254, 26.7590
Hunter-Lab	38.5069, 32.3731, -35.8030

Details

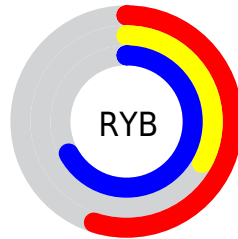
The Yxy color **14.8278, 0.2791, 0.1923** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **33.7120, 0.3302, 0.4786**, and the grayscale version is **15.6510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3874, 0.2879, 0.2186**, and **4.5507, 0.2608, 0.1497** is the 20% darker color. If you saturate the color by 10%, you get **12.0027, 0.2702, 0.1674**, and if you desaturate by 10%, it is **18.3355, 0.2874, 0.2191**.

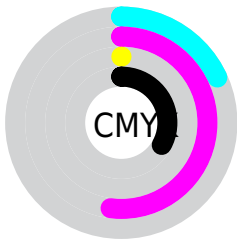
Distribution



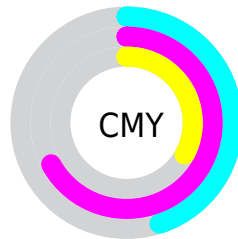
- Red (55%)
- Green (33%)
- Blue (67%)



- Red (55%)
- Yellow (33%)
- Blue (67%)



- Cyan (18%)
- Magenta (52%)
- Yellow (0%)
- Black (33%)





- Cyan (45%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8278, 0.2791, 0.1923 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 14.8278, 0.2791, 0.1923 by changing the saturation by 10% instead.


 14.8278, 0.2791,
0.1923


 14.8278, 0.2791,
0.1923


222.3216, 0.3009,
0.2647

 8.6986, 0.2717,
0.1735


 34.5508, 0.2884,
0.2193


 4.5451, 0.2608,
0.1494


 48.9134, 0.2914,
0.2292


 1.9829, 0.2439,
0.1178

 66.7893, 0.2939,
0.2376

 0.5975, 0.2164,
0.0734

 88.5629, 0.2958,
0.2447

 0.0000, 0.1575,
0.0000

 114.6185, 0.2974,
0.2507

 0.0000, 0.0000,
0.0000

145.3405, 0.2987,

0.2560

181.1134, 0.2999,
0.2606

■ 14.8278, 0.2791,
0.1923

■ 14.8278, 0.2791,
0.1923

■ 12.0027, 0.2702,
0.1674

■ 18.3355, 0.2874,
0.2191

■ 9.8088, 0.2609,
0.1456

■ 22.5685, 0.2949,
0.2466

■ 8.1900, 0.2515,
0.1278

■ 27.5683, 0.3015,
0.2738

■ 7.0792, 0.2424,
0.1149

■ 33.3724, 0.3072,
0.3001

■ 6.4249, 0.2352,
0.1069

■ 40.0161, 0.3120,
0.3249

■ 47.5322, 0.3160,
0.3479

■ 55.9521, 0.3193,
0.3689

■ 65.3054, 0.3220,
0.3881

■ 75.6204, 0.3242,
0.4054

Harmonies

Analogous

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



14.8278, 0.1938, 0.1717



14.8278, 0.2791, 0.1923



14.8278, 0.3943, 0.2380

Triad

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



14.8278, 0.2791, 0.1923



14.8278, 0.4932, 0.4489



14.8278, 0.1549, 0.3196

Complementary

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



14.8278, 0.2791, 0.1923



33.7120, 0.3302, 0.4786

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.



14.8278, 0.2170, 0.4519



14.8278, 0.2791, 0.1923



14.8278, 0.4113, 0.5192

Square

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



14.8278, 0.2791, 0.1923



14.8278, 0.5306, 0.3722



14.8278, 0.3115, 0.5365



14.8278, 0.1337, 0.2248

Rectangle

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



14.8278, 0.2791, 0.1923



14.8278, 0.4673, 0.2788



14.8278, 0.3115, 0.5365



14.8278, 0.1709, 0.3623

Sweetspot

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



14.8284, 0.2791, 0.1923



55.5614, 0.3047, 0.2883



16.8901, 0.2263, 0.2242



11.6254, 0.3035, 0.2831



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8284, 0.2791, 0.1923



21.1600, 0.2689, 0.1642



17.4517, 0.3359, 0.2226



8.0062, 0.3084, 0.3063



4.8124, 0.2361, 0.1074



0.1628, 0.2626, 0.1220

Inverse Universe

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



16.1765, 0.4050, 0.2830



24.1665, 0.4381, 0.2755



32.1976, 0.2966, 0.4670



8.0598, 0.3234, 0.3211



6.7789, 0.5542, 0.2827



0.1991, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 14.8278, 0.2791, 0.1923 looks on a white 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

Black Background



This preview shows how the Yxy color 14.8278, 0.2791, 0.1923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

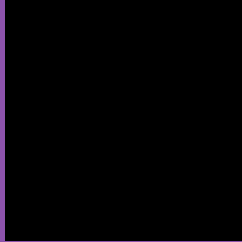
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8278, 0.2791, 0.1923

Background



This preview shows how black text looks on a background with the Yxy color 14.8278, 0.2791, 0.1923.



This preview shows how white text looks on a background with the Yxy color 14.8278, 0.2791, 0.1923.

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

14.8278, 0.2791, 0.1923

Protanopia

15.0672, 0.2007, 0.1799

Deuteranopia

15.0929, 0.2227, 0.2183



Tritanopia

14.8105, 0.3492, 0.3139

Trichromacy



Original Color

14.8278, 0.2791, 0.1923

Protanomaly

14.3793, 0.2202, 0.1805

Deuteranomaly

14.4976, 0.2383, 0.2047

Tritanomaly

14.6183, 0.3217, 0.2612

Monochromacy



Original Color

14.8278, 0.2791, 0.1923

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.8727, 0.2992, 0.2669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8278, 0.2791, 0.1923 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, 83, 172)` looks like.

```
.text, #text, p{  
    color:rgb(141, 83, 172)  
}
```

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, 83, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 83, 172) }
```

Border

The CSS property to change the border of an element to Yxy 14.8278, 0.2791, 0.1923 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, 83, 172) }
```

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

```
.border{ border-color:rgb(141, 83, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 83, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 83, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 83, 172);  
box-shadow:4px 4px 4px 4px rgb(141, 83,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8278, 0.2791, 0.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 83, 172) }
```

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

```
.background{ background-color: rgb(141, 83,  
172) }
```

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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