

Converting Colors

XYZ(19.4619, 8.9214, 51.1504)

Have a look what the booklet for
XYZ(19.4619, 8.9214, 51.1504)
contains.

XYZ(19.4572, 8.9186, 51.1480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(19.4572, 8.9186,
51.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	8600C1
RGB	134, 0, 193
RGB Percent	53%, 0%, 76%
CMY	0.4745, 1.0000, 0.2431
CMYK	0.31, 1.00, 0.00, 0.24
HSL	282°, 100%, 38%
HSV	282°, 100%, 76%
XYZ	19.4572, 8.9186, 51.1480
YIQ	62.0680, 17.9110, 88.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	134, 0, 193
Decimal	8782017
CIE _{Lab}	35.83, 71.29, -66.12
CIE _{LCh}	36, 97.227, 317.156
Yxy	8.9186, 0.2447, 0.1122
Android (android.graphics.Color)	4286972097 (0xFF8600C1)
YUV	62.0680, 64.5495, 63.0844
Hunter-Lab	29.8640, 64.0354, -80.6409

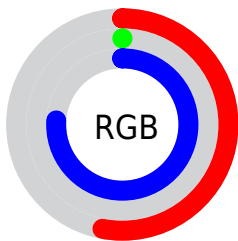
Details

The XYZ color **19.4572, 8.9186, 51.1480** is a dark color, and the websafe version is hex **9900CC**.

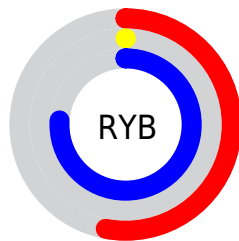
The color can be described as dark washed purple. A complement of this color would be **20.8736, 39.0698, 6.4411**, and the grayscale version is **4.4971, 4.7313, 5.1524**.

A 20% lighter version of the original color is **42.1293, 23.7513, 93.6308**, and **7.5679, 3.3715, 24.2966** is the 20% darker color. If you saturate the color by 10%, you get **19.4576, 8.9188, 51.1482**, and if you desaturate by 10%, it is **20.6625, 9.8933, 51.2728**.

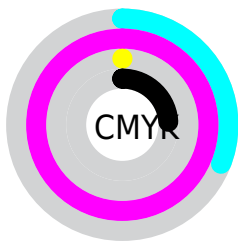
Distribution



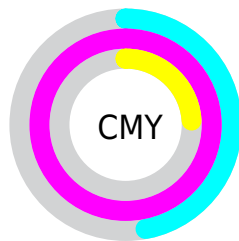
- Red (53%)
- Green (0%)
- Blue (76%)



- Red (53%)
- Yellow (0%)
- Blue (76%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (47%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4572, 8.9186, 51.1480 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 XYZ color 19.4572, 8.9186, 51.1480 by changing the saturation by 10% instead.

■ 19.4572, 8.9186,
51.1480

■ 19.4572, 8.9186,
51.1480

241.8512,
182.7695, 408.0015

■ 12.1071, 4.6881,
35.9489

■ 42.0162, 23.7406,
93.2872

■ 6.8894, 2.0655,
24.1053

■ 57.9557, 35.1008,
121.0644

■ 3.4387, 0.6451,
15.1988

■ 77.4891, 49.6065,
153.8714

■ 1.3898, 0.0000,
8.8109

■ 100.9817, 67.6420,
192.1266

■ 0.2489, 0.0000,
4.5229

■ 128.7989, 89.5916,
236.2487

■ 0.0000, 0.0000,
1.9164

■ 161.3059,

■ 0.0000, 0.0000,

115.8398, 286.6562

0.5031

198.8683,
146.7709, 343.7676

0.0000, 0.0000,
0.0000

19.4572, 8.9186,
51.1480

19.4572, 8.9186,
51.1480

19.4576, 8.9188,
51.1482

20.6625, 9.8933,
51.2728

22.1572, 11.3682,
51.4787

24.0271, 13.5133,
51.7942

26.3162, 16.4152,
52.2337

29.0618, 20.1476,
52.8094

■ 32.2968, 24.7751,
53.5321

■ 36.0509, 30.3557,
54.4114

■ 40.3511, 36.9427,
55.4562

■ 45.2226, 44.5851,
56.6745

Harmonies

Analogous

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



12.1787, 8.9186, 82.4007



19.4572, 8.9186, 51.1480



24.4949, 8.9186, 18.5993

Triad

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



19.4572, 8.9186, 51.1480



11.1831, 8.9186, 0.0000



1.6896, 8.9186, 22.3828

Complementary

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



19.4572, 8.9186, 51.1480



20.8736, 39.0698, 6.4411

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.



1.6171, 8.9186, 4.2313



19.4572, 8.9186, 51.1480



5.6133, 8.9186, 0.0000

Square

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



19.4572, 8.9186, 51.1480



18.4506, 8.9186, 0.0000



2.6758, 8.9186, 0.0000



2.9582, 8.9186, 56.4244

Rectangle

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



19.4572, 8.9186, 51.1480



24.8839, 8.9186, 6.2733



2.6758, 8.9186, 0.0000



1.5547, 8.9186, 14.2187

Sweetspot

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



19.4577, 8.9189, 51.1482



64.2290, 53.8566, 97.3704



11.3008, 7.2004, 51.2464



13.1455, 10.6045, 20.7393



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



19.4577, 8.9189, 51.1482



34.5859, 15.8382, 91.5945



28.1311, 13.7930, 33.3550



10.1880, 10.0880, 12.6951



13.0260, 5.9756, 34.0235



0.6303, 0.2930, 1.4732

Inverse Universe

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



22.7818, 11.6533, 5.1862



40.7067, 20.8328, 8.7847



19.3792, 38.2637, 7.9845



10.1971, 10.1275, 11.1287



15.1842, 7.7634, 3.6160



0.6875, 0.3480, 0.3219

Previews

White Background



This preview shows how the XYZ color 19.4572, 8.9186, 51.1480 looks on a white background.

Color Contrast Check

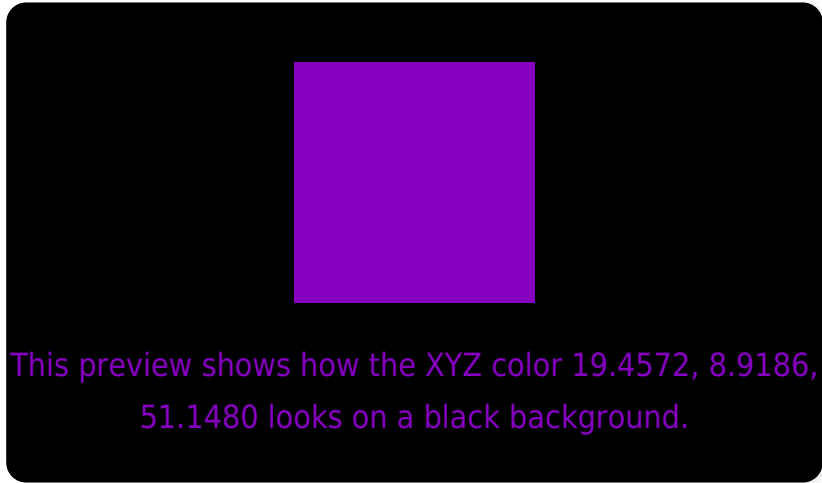
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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](#).

XYZ 19.4572, 8.9186, 51.1480

Background



This preview shows how black text looks on a background with the XYZ color 19.4572, 8.9186, 51.1480.



This preview shows how white text looks on a background with the XYZ color 19.4572, 8.9186,

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

19.4572, 8.9186, 51.1480

Protanopia

11.0068, 9.4752, 42.3231

Tritanopia

11.0715, 9.2711, 8.9905

Trichromacy



Original Color

19.4572, 8.9186, 51.1480

Protanomaly

10.9832, 6.5766, 44.9465

Tritanomaly

12.5958, 7.6566, 19.2264

Monochromacy



Original Color

19.4572, 8.9186, 51.1480

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

7.5645, 4.6515, 15.2510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4572, 8.9186, 51.1480 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(134, 0, 193)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 193)  
}
```

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(134, 0, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 193) }
```

Border

The CSS property to change the border of an element to XYZ 19.4572, 8.9186, 51.1480 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(134, 0, 193) }
```

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

```
.border{ border-color:rgb(134, 0, 193) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
193) }
```


Background

The CSS property to change the background color of an element to XYZ 19.4572, 8.9186, 51.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 193) }
```

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

```
.background{ background-color: rgb(134, 0,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor