

Converting Colors

XYZ(23.1118, 10.6555, 57.9653)

Have a look what the booklet for
XYZ(23.1118, 10.6555, 57.9653)
contains.

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Color

**XYZ(23.1118, 10.6555,
57.9653)**

Conversions

Conversions Part 1

Format	Color
Hex	9400CC
RGB	148, 0, 204
RGB Percent	58%, 0%, 80%
CMY	0.4196, 1.0000, 0.2000
CMYK	0.27, 1.00, 0.00, 0.20
HSL	284°, 100%, 40%
HSV	284°, 100%, 80%
XYZ	23.1118, 10.6555, 57.9653
YIQ	67.5080, 22.7240, 94.8200

Conversions

Conversions Part 2

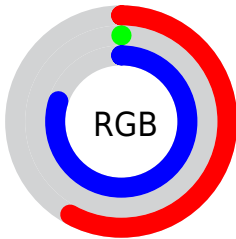
Format	Color
RYB	148, 0, 204
Decimal	9699532
CIELab	38.99, 75.04, -67.28
CIELCh	39, 100.781, 318.122
Yxy	10.6555, 0.2519, 0.1162
Android (android.graphics.Color)	4287889612 (0xFF9400CC)
YUV	67.5080, 67.2906, 70.5915
Hunter-Lab	32.6428, 69.2571, -82.4341

Details

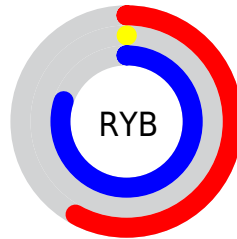
The XYZ color **23.1118, 10.6555, 57.9653** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **23.2239, 44.0267, 7.2741**, and the grayscale version is **5.3103, 5.5868, 6.0840**.

A 20% lighter version of the original color is **46.7994, 26.5200, 97.2600**, and **9.4651, 4.2620, 28.3407** is the 20% darker color. If you saturate the color by 10%, you get **23.1121, 10.6557, 57.9655**, and if you desaturate by 10%, it is **24.4073, 11.7054, 58.0999**.

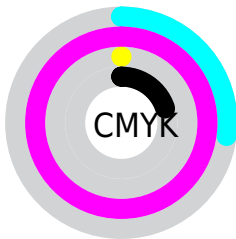
Distribution



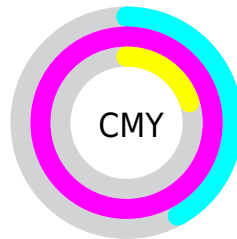
- Red (58%)
- Green (0%)
- Blue (80%)



- Red (58%)
- Yellow (0%)
- Blue (80%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1118, 10.6555, 57.9653 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 23.1118, 10.6555, 57.9653 by changing the saturation by 10% instead.

■ 23.1118, 10.6555,
57.9653

■ 23.1118, 10.6555,
57.9653

260.8233,
195.2886, 434.6513

■ 14.7972, 5.8357,
41.3662

■ 48.0421, 27.0213,
103.3866

■ 8.7626, 2.7454,
28.2835

■ 65.3886, 39.3362,
133.0459

■ 4.6425, 1.0003,
18.2986

■ 86.4765, 54.9181,
167.8957

■ 2.0717, 0.0000,
10.9929

■ 111.6710, 74.1516,
208.3546

■ 0.6737, 0.0000,
5.9480

■ 141.3376, 97.4210,
254.8411

■ 0.0000, 0.0000,
2.7452

■ 175.8416,

■ 0.0000, 0.0000,

125.1107, 307.7736

0.9660

215.5484,
157.6051, 367.5708

■ 0.0000, 0.0000,
0.0000

■ 23.1118, 10.6555,
57.9653

■ 23.1118, 10.6555,
57.9653

■ 23.1121, 10.6557,
57.9655

■ 24.4073, 11.7054,
58.0999

■ 26.0235, 13.3236,
58.3271

■ 28.0547, 15.6971,
58.6781

■ 30.5513, 18.9256,
59.1697

■ 33.5559, 23.0936,
59.8158

■ 37.1059, 28.2749,
60.6288

■ 41.2351, 34.5361,
61.6197

■ 45.9744, 41.9381,
62.7987

■ 51.3522, 50.5369,
64.1750

Harmonies

Analogous

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



14.7004, 10.6555, 94.2400



23.1118, 10.6555, 57.9653



28.7576, 10.6555, 21.0042

Triad

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



23.1118, 10.6555, 57.9653



13.0260, 10.6555, 0.0000



2.1434, 10.6555, 27.3326

Complementary

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



23.1118, 10.6555, 57.9653



23.2239, 44.0267, 7.2741

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.



2.0166, 10.6555, 5.5317



23.1118, 10.6555, 57.9653



6.6177, 10.6555, 0.0000

Square

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



23.1118, 10.6555, 57.9653



21.4298, 10.6555, 0.0000



3.2331, 10.6555, 0.0000



3.7204, 10.6555, 66.6977

Rectangle

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



23.1118, 10.6555, 57.9653



29.0535, 10.6555, 7.1209



3.2331, 10.6555, 0.0000



1.9669, 10.6555, 17.6529

Sweetspot

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



23.1124, 10.6559, 57.9656



68.0019, 56.7526, 101.9780



12.4023, 7.3660, 57.8950



13.9078, 11.1579, 21.6706



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



23.1124, 10.6559, 57.9656



38.0580, 17.5345, 95.9864



31.2297, 15.3686, 34.4870



11.3756, 11.2429, 14.1409



14.6406, 6.7550, 36.4885



0.8260, 0.3849, 1.8857

Inverse Universe

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



25.6158, 13.1230, 4.9245



42.3454, 21.7022, 7.7512



22.0514, 43.3693, 9.6118



11.3367, 11.2634, 12.3079



16.1568, 8.2733, 3.2786



0.8661, 0.4399, 0.3409

Previews

White Background



This preview shows how the XYZ color 23.1118, 10.6555, 57.9653 looks on a white background.

Color Contrast Check

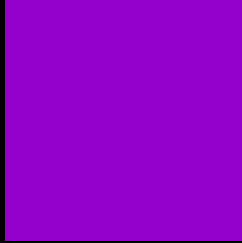
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.1118, 10.6555, 57.9653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

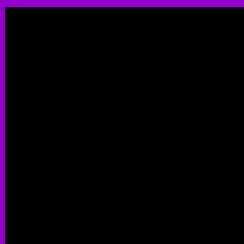
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.1118, 10.6555, 57.9653

Background



This preview shows how black text looks on a background with the XYZ color 23.1118, 10.6555, 57.9653.



This preview shows how white text looks on a background with the XYZ color 23.1118, 10.6555,

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

23.1118, 10.6555, 57.9653

Protanopia

13.1451, 11.2438, 50.7677

Deuteranopia

11.0658, 11.1189, 37.6393



Tritanopia

13.6016, 11.0763, 10.2252

Trichromacy



Original Color

23.1118, 10.6555, 57.9653



Protanomaly

12.9982, 7.7959, 53.0442



Deuteranomaly

11.4283, 7.4170, 44.0093



Tritanomaly

15.2996, 9.1869, 21.7357

Monochromacy



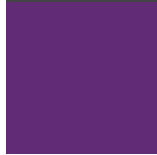
Original Color

23.1118, 10.6555, 57.9653



Achromatopsia

5.4944, 5.7805, 6.2950



Achromatomaly

9.0045, 5.5535, 17.4270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1118, 10.6555, 57.9653 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(148, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 204)  
}
```

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(148, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 204) }
```

Border

The CSS property to change the border of an element to XYZ 23.1118, 10.6555, 57.9653 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(148, 0, 204) }
```


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

```
.border{ border-color:rgb(148, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1118, 10.6555, 57.9653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 204) }
```

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

```
.background{ background-color: rgb(148, 0,  
204) }
```

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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