

Converting Colors

XYZ(14.9133, 9.0951, 23.0153)

Have a look what the booklet for
XYZ(14.9133, 9.0951, 23.0153)
contains.

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Color

**XYZ(14.8668, 9.0650,
23.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	833585
RGB	131, 53, 133
RGB Percent	51%, 21%, 52%
CMY	0.4863, 0.7921, 0.4784
CMYK	0.02, 0.60, 0.00, 0.48
HSL	299°, 43%, 36%
HSV	299°, 60%, 52%
XYZ	14.8668, 9.0650, 23.1564
YIQ	85.4420, 20.8080, 41.4160

Conversions

Conversions Part 2

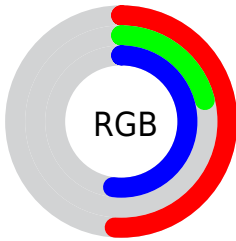
Format	Color
R_{YB}	131, 53, 133
Decimal	8598917
CIE _{Lab}	36.11, 44.79, -29.54
CIE _{LCh}	36, 53.653, 326.597
Yxy	9.0650, 0.3157, 0.1925
Android (android.graphics.Color)	4286788997 (0xFF833585)
YUV	85.4420, 23.4461, 39.9544
Hunter-Lab	30.1081, 35.4505, -24.5247

Details

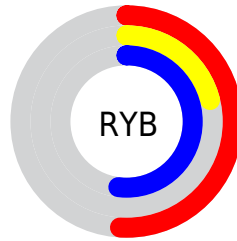
The XYZ color **14.8668, 9.0650, 23.1564** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **10.6060, 17.8445, 6.2540**, and the grayscale version is **8.6770, 9.1289, 9.9413**.

A 20% lighter version of the original color is **34.2709, 24.1301, 49.8650**, and **4.7858, 2.2868, 8.3728** is the 20% darker color. If you saturate the color by 10%, you get **14.2913, 7.9900, 22.9794**, and if you desaturate by 10%, it is **15.6115, 10.4775, 23.3899**.

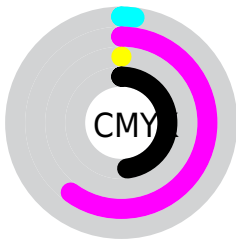
Distribution



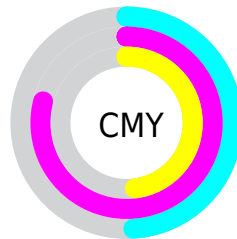
- Red (51%)
- Green (21%)
- Blue (52%)



- Red (51%)
- Yellow (21%)
- Blue (52%)



- Cyan (2%)
- Magenta (60%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (79%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8668, 9.0650, 23.1564 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 14.8668, 9.0650, 23.1564 by changing the saturation by 10% instead.

14.8668, 9.0650,
23.1564

14.8668, 9.0650,
23.1564

215.9630,
183.8620, 281.6752

8.8117, 4.7836,
14.5026

34.1929, 24.0213,
49.5765

4.6747, 2.1209,
8.3284

48.1946, 35.4651,
68.1798

2.0904, 0.6763,
4.2150

65.5759, 50.0650,
90.9368

0.6840, 0.0000,
1.7440

86.7020, 68.2056,
118.2660

0.0000, 0.0000,
0.3906

111.9385, 90.2712,
150.5859

0.0000, 0.0000,
0.0000

141.6505,

116.6462, 188.3150

176.2036,
147.7150, 231.8719

■ 14.8668, 9.0650,
23.1564

■ 14.8668, 9.0650,
23.1564

■ 14.2913, 7.9900,
22.9794

■ 15.6115, 10.4775,
23.3899

■ 13.8696, 7.2227,
22.8535

■ 16.5369, 12.2516,
23.6836

■ 13.5854, 6.7301,
22.7734

■ 17.6550, 14.4107,
24.0414

■ 13.3899, 6.4137,
22.7226

■ 18.9763, 16.9759,
24.4669

■ 20.5104, 19.9666,
24.9633

■ 22.2665, 23.4012,
25.5337

■ 24.2533, 27.2967,
26.1809

■ 26.4789, 31.6695,
26.9076

■ 28.9509, 36.5351,
27.7165

Harmonies

Analogous

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



11.6866, 9.0650, 35.6283



14.8668, 9.0650, 23.1564



16.3661, 9.0650, 10.9575

Triad

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



14.8668, 9.0650, 23.1564



8.9877, 9.0650, 0.6081



4.1903, 9.0650, 20.0927

Complementary

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



14.8668, 9.0650, 23.1564



10.6060, 17.8445, 6.2540

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.



3.8054, 9.0650, 8.8574



14.8668, 9.0650, 23.1564



6.1367, 9.0650, 0.9989

Square

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



14.8668, 9.0650, 23.1564



12.4818, 9.0650, 1.2446



4.4210, 9.0650, 2.9851



5.6443, 9.0650, 33.2152

Rectangle

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



14.8668, 9.0650, 23.1564



15.9911, 9.0650, 5.6318



4.4210, 9.0650, 2.9851



3.9500, 9.0650, 15.8319

Sweetspot

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



14.8671, 9.0654, 23.1566



34.4322, 31.2756, 43.9604



7.1003, 5.2470, 22.8289



7.6110, 6.7614, 9.8566



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.8671, 9.0654, 23.1566



25.2993, 13.7692, 41.0627



13.0423, 8.3716, 11.9150



4.8467, 4.7571, 5.8635



12.7552, 6.1097, 21.6437



0.0451, 0.0216, 0.0750

Inverse Universe

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



11.6359, 7.8090, 4.5089



19.0143, 11.3342, 4.3958



11.7158, 18.2760, 12.6581



4.6769, 4.6905, 4.9111



9.2314, 4.7569, 0.5250



0.0323, 0.0166, 0.0033

Previews

White Background



This preview shows how the XYZ color 14.8668, 9.0650, 23.1564 looks on a white background.

Color Contrast Check

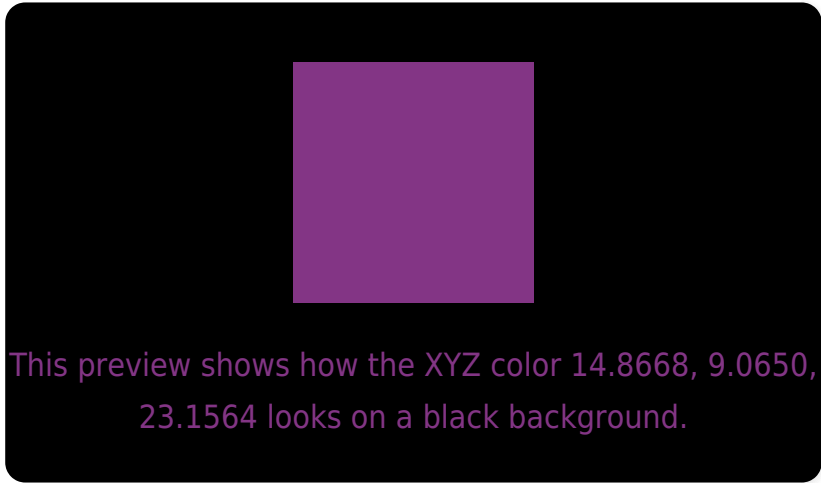
Large Text (above 18pt) WCAG AA ✓ Pass

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

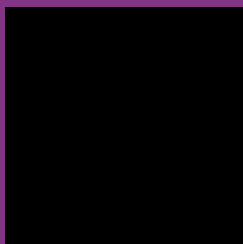
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8668, 9.0650, 23.1564

Background



This preview shows how black text looks on a background with the XYZ color 14.8668, 9.0650, 23.1564.



This preview shows how white text looks on a background with the XYZ color 14.8668, 9.0650,

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

14.8668, 9.0650, 23.1564

Protanopia

10.5650, 9.2952, 34.9555

Deuteranopia

9.4595, 9.2488, 21.7087



Tritanopia

11.7103, 9.0493, 7.7861

Trichromacy



Original Color

14.8668, 9.0650, 23.1564

Protanomaly

10.8838, 8.4056, 30.3270

Deuteranomaly

10.6283, 8.5505, 22.2093

Tritanomaly

12.6412, 8.9116, 12.1202

Monochromacy



Original Color

14.8668, 9.0650, 23.1564

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.2603, 8.5492, 13.6798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8668, 9.0650, 23.1564 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(131, 53, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 53, 133)  
}
```

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(131, 53, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 53, 133) }
```

Border

The CSS property to change the border of an element to XYZ 14.8668, 9.0650, 23.1564 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(131, 53, 133) }
```


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

```
.border{ border-color:rgb(131, 53, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 53, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 53, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 53, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 53,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8668, 9.0650, 23.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 53, 133) }
```

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

```
.background{ background-color: rgb(131, 53,  
133) }
```

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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