

Converting Colors

XYZ(15.0205, 9.5738, 14.0595)

Have a look what the booklet for
XYZ(15.0205, 9.5738, 14.0595)
contains.

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Color

**XYZ(15.0682, 9.5786,
14.1514)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3868
RGB	142, 56, 104
RGB Percent	56%, 22%, 41%
CMY	0.4431, 0.7804, 0.5922
CMYK	0.00, 0.61, 0.27, 0.44
HSL	327°, 43%, 39%
HSV	327°, 61%, 56%
XYZ	15.0682, 9.5786, 14.1514
YIQ	87.1860, 35.8480, 33.1600

Conversions

Conversions Part 2

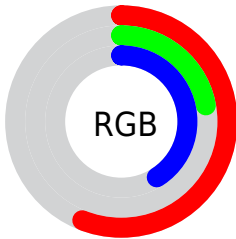
Format	Color
RYB	142, 56, 104
Decimal	9320552
CIELab	37.08, 41.84, -9.80
CIElCh	37, 42.970, 346.818
Yxy	9.5786, 0.3884, 0.2469
Android (android.graphics.Color)	4287510632 (0xFF8E3868)
YUV	87.1860, 8.2893, 48.0719
Hunter-Lab	30.9493, 32.7445, -5.4455

Details

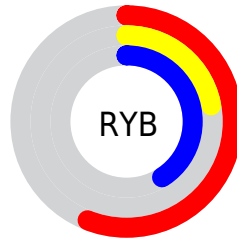
The XYZ color **15.0682, 9.5786, 14.1514** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.3248, 20.9952, 13.9409**, and the grayscale version is **9.0768, 9.5495, 10.3994**.

A 20% lighter version of the original color is **34.4628, 24.8877, 33.9978**, and **4.7630, 2.3701, 4.0773** is the 20% darker color. If you saturate the color by 10%, you get **14.1681, 8.2696, 12.3369**, and if you desaturate by 10%, it is **16.1878, 11.2886, 16.1562**.

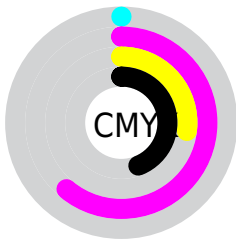
Distribution



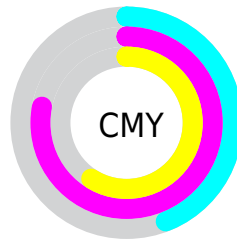
- Red (56%)
- Green (22%)
- Blue (41%)



- Red (56%)
- Yellow (22%)
- Blue (41%)



- Cyan (0%)
- Magenta (61%)
- Yellow (27%)
- Black (44%)



- Cyan (44%)
- Magenta (78%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0682, 9.5786, 14.1514 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 15.0682, 9.5786, 14.1514 by changing the saturation by 10% instead.


 15.0682, 9.5786,
14.1514


 15.0682, 9.5786,
14.1514


217.1588,
187.6374, 229.6318


 8.9539, 5.1205,
8.0861


 34.5435, 24.9998,
34.0784


 4.7680, 2.3181,
4.0615

 48.6351, 36.7317,
48.7772


 2.1451, 0.7833,
1.6592

 66.1166, 51.6569,
67.1909

 0.7136, 0.0000,
0.3325

 87.3533, 70.1599,
89.7380

 0.0000, 0.0000,
0.0000

 112.7105, 92.6251,
116.8371

 142.5536,

119.4368, 148.9067

177.2479,
150.9795, 186.3655

■ 15.0682, 9.5786,
14.1514

■ 15.0682, 9.5786,
14.1514

■ 14.1681, 8.2696,
12.3369

■ 16.1878, 11.2886,
16.1562

■ 13.4692, 7.3258,
10.7040

■ 17.5417, 13.4282,
18.3586

■ 12.9512, 6.7078,
9.2432

■ 19.1440, 16.0254,
20.7656

■ 12.5759, 6.3190,
8.0024

■ 21.0078, 19.1051,
23.3839

■ 23.1449, 22.6906,
26.2198

■ 25.5666, 26.8035,
29.2792

■ 28.2834, 31.4641,
32.5677

■ 31.3054, 36.6920,
36.0908

■ 34.6420, 42.5054,
39.8535

Harmonies

Analogous

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



13.3807, 9.5786, 24.0602



15.0682, 9.5786, 14.1514



14.9506, 9.5786, 6.7299

Triad

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



15.0682, 9.5786, 14.1514



7.6991, 9.5786, 1.7401



6.0255, 9.5786, 25.2297

Complementary

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



15.0682, 9.5786, 14.1514



13.3248, 20.9952, 13.9409

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.



5.0235, 9.5786, 15.2842



15.0682, 9.5786, 14.1514



5.8524, 9.5786, 3.2601

Square

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



15.0682, 9.5786, 14.1514



10.3248, 9.5786, 1.6680



4.9671, 9.5786, 7.4251



7.9837, 9.5786, 32.2714

Rectangle

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



15.0682, 9.5786, 14.1514



13.8594, 9.5786, 3.8701



4.9671, 9.5786, 7.4251



5.5839, 9.5786, 21.9442

Sweetspot

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



15.0685, 9.5791, 14.1516



37.8272, 34.9948, 42.2955



10.8384, 7.1230, 26.3949



8.2421, 7.4713, 9.1662



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0685, 9.5791, 14.1516



24.4558, 13.8506, 20.5780



13.4321, 8.9245, 5.5344



5.5269, 5.4713, 6.2729



11.3006, 5.6773, 7.2342



0.1192, 0.0587, 0.1277

Inverse Universe

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



15.0685, 9.5791, 14.1516



24.4558, 13.8506, 20.5780



15.7671, 21.9722, 26.8023



5.5269, 5.4713, 6.2729



11.3006, 5.6773, 7.2342



0.1192, 0.0587, 0.1277

Previews

White Background



This preview shows how the XYZ color 15.0682, 9.5786, 14.1514 looks on a white background.

Color Contrast Check

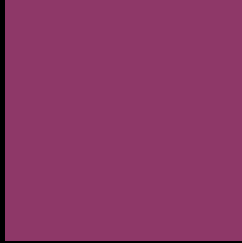
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 15.0682, 9.5786, 14.1514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

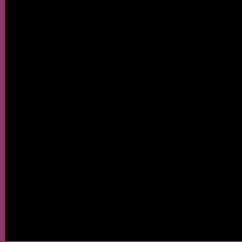
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0682, 9.5786, 14.1514

Background



This preview shows how black text looks on a background with the XYZ color 15.0682, 9.5786, 14.1514.



This preview shows how white text looks on a background with the XYZ color 15.0682, 9.5786,

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

15.0682, 9.5786, 14.1514

Protanopia

10.1546, 9.8592, 21.1065

Deuteranopia

9.8943, 9.7806, 13.1707



Tritanopia

13.5550, 9.5854, 6.7660

Trichromacy



Original Color

15.0682, 9.5786, 14.1514

Protanomaly

11.1100, 9.1862, 18.3271

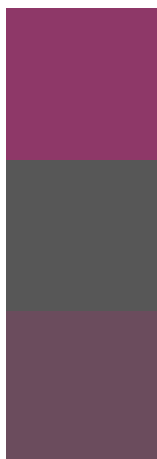
Deuteranomaly

11.2954, 9.2867, 13.5091

Tritanomaly

14.0070, 9.5221, 9.0824

Monochromacy



Original Color

15.0682, 9.5786, 14.1514

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.6236, 9.0850, 11.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0682, 9.5786, 14.1514 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(142, 56, 104)` looks like.

```
.text, #text, p{  
    color:rgb(142, 56, 104)  
}
```

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(142, 56, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 56, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.0682, 9.5786, 14.1514 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(142, 56, 104) }
```


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

```
.border{ border-color:rgb(142, 56, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 56, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 56, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 56, 104);  
box-shadow:4px 4px 4px 4px rgb(142, 56,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0682, 9.5786, 14.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 56, 104) }
```

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

```
.background{ background-color: rgb(142, 56,  
104) }
```

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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