

Converting Colors

XYZ(14.3692, 9.1273, 11.8309)

Have a look what the booklet for
XYZ(14.3692, 9.1273, 11.8309)
contains.

XYZ(14.3692, 9.1273, 11.8309)	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>	31

Color

**XYZ(14.3692, 9.1273,
11.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	8D365F
RGB	141, 54, 95
RGB Percent	55%, 21%, 37%
CMY	0.4471, 0.7882, 0.6274
CMYK	0.00, 0.62, 0.33, 0.45
HSL	332°, 45%, 38%
HSV	332°, 62%, 55%
XYZ	14.3692, 9.1273, 11.8309
YIQ	84.6870, 38.6910, 31.1950

Conversions

Conversions Part 2

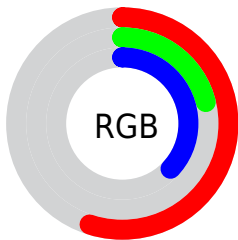
Format	Color
R_{YB}	141, 54, 95
Decimal	9254495
CIE _{Lab}	36.23, 41.24, -5.39
CIE _{LCh}	36, 41.588, 352.556
Yxy	9.1273, 0.4067, 0.2584
Android (android.graphics.Color)	4287444575 (0xFF8D365F)
YUV	84.6870, 5.0843, 49.3865
Hunter-Lab	30.2114, 32.0284, -2.0702

Details

The XYZ color **14.3692, 9.1273, 11.8309** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.3469, 20.7543, 15.3603**, and the grayscale version is **8.5538, 8.9992, 9.8002**.

A 20% lighter version of the original color is **33.1884, 24.0178, 29.6747**, and **4.4849, 2.2480, 3.1033** is the 20% darker color. If you saturate the color by 10%, you get **13.4827, 7.8710, 9.9426**, and if you desaturate by 10%, it is **15.4789, 10.7781, 13.9538**.

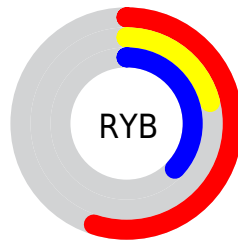
Distribution



Red (55%)

Green (21%)

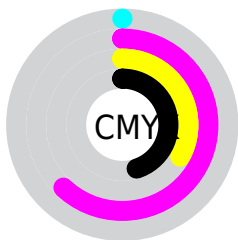
Blue (37%)



Red (55%)

Yellow (21%)

Blue (37%)

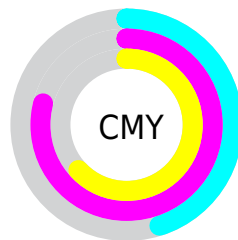


Cyan (0%)

Magenta (62%)

Yellow (33%)

Black (45%)



Cyan (45%)


Magenta (79%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3692, 9.1273, 11.8309 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 14.3692, 9.1273, 11.8309 by changing the saturation by 10% instead.


 14.3692, 9.1273,
11.8309


 14.3692, 9.1273,
11.8309


212.9807,
184.3247, 214.2206


 8.4613, 4.8243,
6.5075


 33.3235, 24.1406,
29.8465


 4.4458, 2.1445,
3.0823


 47.1007, 35.6196,
43.3758


 1.9573, 0.6895,
1.1368

 64.2316, 50.2595,
60.4775

 0.6098, 0.0000,
0.0000

 85.0817, 68.4445,
81.5701

 0.0000, 0.0000,
0.0000

 110.0163, 90.5592,
107.0722

 139.4007,

116.9878, 137.4023

173.6004,
148.1149, 172.9789

■ 14.3692, 9.1273,
11.8309

■ 14.3692, 9.1273,
11.8309

■ 13.4827, 7.8710,
9.9426

■ 15.4789, 10.7781,
13.9538

■ 12.8008, 6.9734,
8.2781

■ 16.8269, 12.8522,
16.3205

■ 12.3029, 6.3948,
6.8257

■ 18.4278, 15.3773,
18.9399

■ 11.9810, 6.0613,
5.7617

■ 20.2946, 18.3784,
21.8204

■ 22.4395, 21.8786,
24.9700

■ 24.8740, 25.8994,
28.3962

■ 27.6088, 30.4613,
32.1061

■ 30.6541, 35.5835,
36.1068

■ 34.0196, 41.2841,
40.4048

Harmonies

Analogous

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



13.0797, 9.1273, 20.8804



14.3692, 9.1273, 11.8309



13.9159, 9.1273, 5.5368

Triad

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



14.3692, 9.1273, 11.8309



6.9586, 9.1273, 1.8744



6.0681, 9.1273, 25.3688

Complementary

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



14.3692, 9.1273, 11.8309



13.3469, 20.7543, 15.3603

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.



4.9495, 9.1273, 16.2108



14.3692, 9.1273, 11.8309



5.3905, 9.1273, 3.6971

Square

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



14.3692, 9.1273, 11.8309



9.3132, 9.1273, 1.5828



4.7278, 9.1273, 8.2587



8.0671, 9.1273, 30.7985

Rectangle

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



14.3692, 9.1273, 11.8309



12.7206, 9.1273, 3.2315



4.7278, 9.1273, 8.2587



5.5937, 9.1273, 22.4620

Sweetspot

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



14.3695, 9.1278, 11.8311



37.1797, 34.2684, 40.3260



11.2675, 7.2119, 25.9974



8.0986, 7.3203, 8.6993



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.



14.3695, 9.1278, 11.8311



23.6290, 13.3979, 16.6000



13.0384, 8.7049, 4.4837



5.5080, 5.4637, 6.1733



10.9324, 5.5300, 5.2952



0.1155, 0.0573, 0.1085

Inverse Universe

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



14.3695, 9.1278, 11.8311



23.6290, 13.3979, 16.6000



15.6418, 21.3324, 28.4924



5.5080, 5.4637, 6.1733



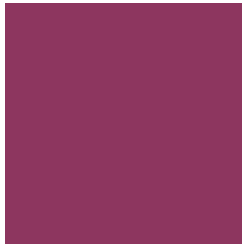
10.9324, 5.5300, 5.2952



0.1155, 0.0573, 0.1085

Previews

White Background



This preview shows how the XYZ color 14.3692, 9.1273, 11.8309 looks on a white background.

Color Contrast Check

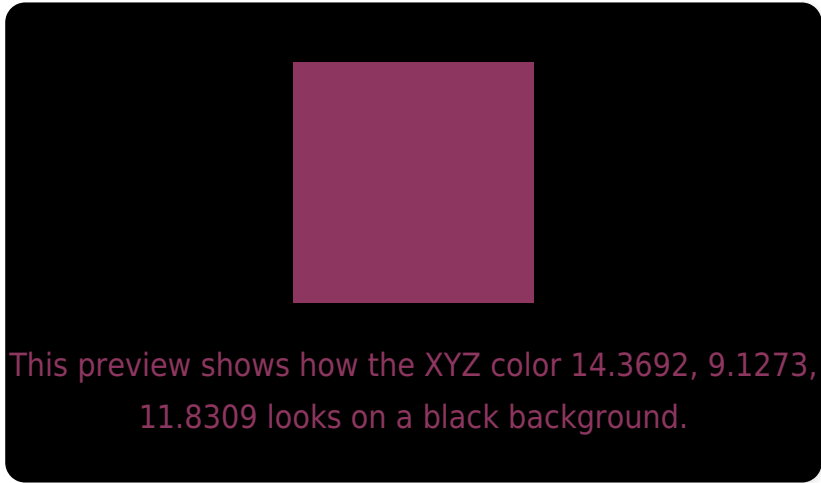
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3692, 9.1273, 11.8309

Background



This preview shows how black text looks on a background with the XYZ color 14.3692, 9.1273, 11.8309.



This preview shows how white text looks on a background with the XYZ color 14.3692, 9.1273,

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

14.3692, 9.1273, 11.8309

Protanopia

9.4615, 9.3357, 17.8263

Deuteranopia

9.3952, 9.2172, 11.1814



Tritanopia

13.2703, 9.2081, 6.0789

Trichromacy



Original Color

14.3692, 9.1273, 11.8309

Protanomaly

10.4111, 8.6896, 15.3159

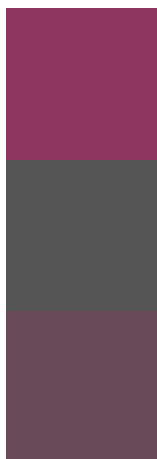
Deuteranomaly

10.6795, 8.7224, 11.2459

Tritanomaly

13.6328, 9.1234, 7.8799

Monochromacy



Original Color

14.3692, 9.1273, 11.8309

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.0776, 8.6221, 10.5843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3692, 9.1273, 11.8309 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, 54, 95)` looks like.

```
.text, #text, p{  
    color:rgb(141, 54, 95)  
}
```

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, 54, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 54, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.3692, 9.1273, 11.8309 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, 54, 95) }
```


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

```
.border{ border-color:rgb(141, 54, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 54, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 54, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 54, 95);  
box-shadow:4px 4px 4px 4px rgb(141, 54,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3692, 9.1273, 11.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 54, 95) }
```

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

```
.background{ background-color: rgb(141, 54,  
95) }
```

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