

Converting Colors

XYZ(15.6498, 9.9391, 11.7658)

Have a look what the booklet for
XYZ(15.6498, 9.9391, 11.7658)
contains.

XYZ(15.6473, 9.9324, 11.6821)	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(15.6473, 9.9324,
11.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	94385E
RGB	148, 56, 94
RGB Percent	58%, 22%, 37%
CMY	0.4196, 0.7804, 0.6314
CMYK	0.00, 0.62, 0.36, 0.42
HSL	335°, 45%, 40%
HSV	335°, 62%, 58%
XYZ	15.6473, 9.9324, 11.6821
YIQ	87.8400, 42.6340, 31.3220

Conversions

Conversions Part 2

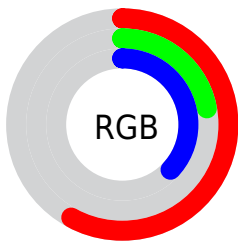
Format	Color
RYB	148, 56, 94
Decimal	9713758
CIELab	37.72, 42.48, -2.41
CIELCh	38, 42.547, 356.749
Yxy	9.9324, 0.4199, 0.2666
Android (android.graphics.Color)	4287903838 (0xFF94385E)
YUV	87.8400, 3.0369, 52.7603
Hunter-Lab	31.5157, 33.4713, 0.0837

Details

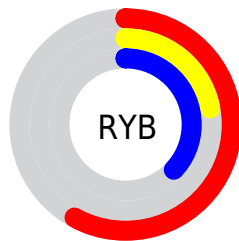
The XYZ color **15.6473, 9.9324, 11.6821** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.0358, 23.1466, 18.4286**, and the grayscale version is **9.2284, 9.7090, 10.5731**.

A 20% lighter version of the original color is **35.5734, 25.7179, 29.4747**, and **5.0477, 2.5406, 3.0206** is the 20% darker color. If you saturate the color by 10%, you get **14.6650, 8.5569, 9.5384**, and if you desaturate by 10%, it is **16.8862, 11.7507, 14.1280**.

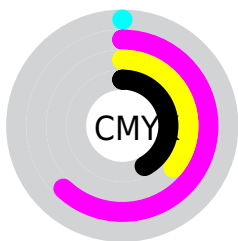
Distribution



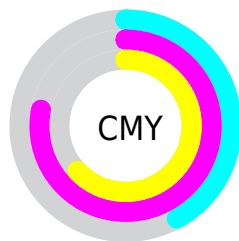
- Red (58%)
- Green (22%)
- Blue (37%)



- Red (58%)
- Yellow (22%)
- Blue (37%)



- Cyan (0%)
- Magenta (62%)
- Yellow (36%)
- Black (42%)




- Cyan (42%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.6473, 9.9324, 11.6821 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 15.6473, 9.9324, 11.6821 by changing the saturation by 10% instead.


 15.6473, 9.9324,
11.6821


 15.6473, 9.9324,
11.6821


220.5630,
190.1889, 213.1919


 9.3642, 5.3542,
6.4077


 35.5472, 25.6683,
29.5705


 5.0385, 2.4565,
3.0218

 49.8947, 37.5947,
43.0215


 2.3048, 0.8547,
1.1058

 67.6611, 52.7393,
60.0352

 0.7971, 0.0000,
0.0000

 89.2116, 71.4865,
81.0300

 0.0000, 0.0000,
0.0000

 114.9118, 94.2207,
106.4246

 145.1268,

121.3262, 136.6374

180.2221,
153.1875, 172.0870

■ 15.6473, 9.9324,
11.6821

■ 15.6473, 9.9324,
11.6821

■ 14.6650, 8.5569,
9.5384

■ 16.8862, 11.7507,
14.1280

■ 13.9176, 7.5833,
7.6822

■ 18.3991, 14.0446,
16.8886

■ 13.3810, 6.9660,
6.0983

■ 20.2029, 16.8458,
19.9760

■ 13.0585, 6.6342,
5.0250

■ 22.3128, 20.1826,
23.4015

■ 24.7429, 24.0813,
27.1758

■ 27.5064, 28.5665,
31.3092

■ 30.6159, 33.6611,
35.8113

■ 34.0830, 39.3871,
40.6916

■ 37.9189, 45.7652,
45.9590

Harmonies

Analogous

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



14.4953, 9.9324, 21.2174



15.6473, 9.9324, 11.6821



14.8916, 9.9324, 5.3982

Triad

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



15.6473, 9.9324, 11.6821



7.2866, 9.9324, 2.2188



6.8649, 9.9324, 28.6790

Complementary

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



15.6473, 9.9324, 11.6821



15.0358, 23.1466, 18.4286

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.



5.5142, 9.9324, 19.0049



15.6473, 9.9324, 11.6821



5.7230, 9.9324, 4.5284

Square

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



15.6473, 9.9324, 11.6821



9.7387, 9.9324, 1.7160



5.1398, 9.9324, 9.9913



9.1484, 9.9324, 33.5613

Rectangle

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



15.6473, 9.9324, 11.6821



13.4739, 9.9324, 3.1865



5.1398, 9.9324, 9.9913



6.3049, 9.9324, 25.7066

Sweetspot

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



15.6476, 9.9329, 11.6823



40.5037, 37.4216, 43.0790



13.1490, 8.2608, 28.9185



9.0021, 8.1530, 9.4494



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.6476, 9.9329, 11.6823



25.2548, 14.2701, 15.3482



14.7416, 10.2113, 4.9361



5.8942, 5.8527, 6.5489



11.1670, 5.6718, 4.3604



0.1508, 0.0751, 0.1275

Inverse Universe

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



15.6476, 9.9329, 11.6823



25.2548, 14.2701, 15.3482



16.4034, 21.8329, 31.3666



5.8942, 5.8527, 6.5489



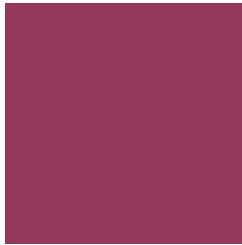
11.1670, 5.6718, 4.3604



0.1508, 0.0751, 0.1275

Previews

White Background



This preview shows how the XYZ color 15.6473, 9.9324, 11.6821 looks on a white background.

Color Contrast Check

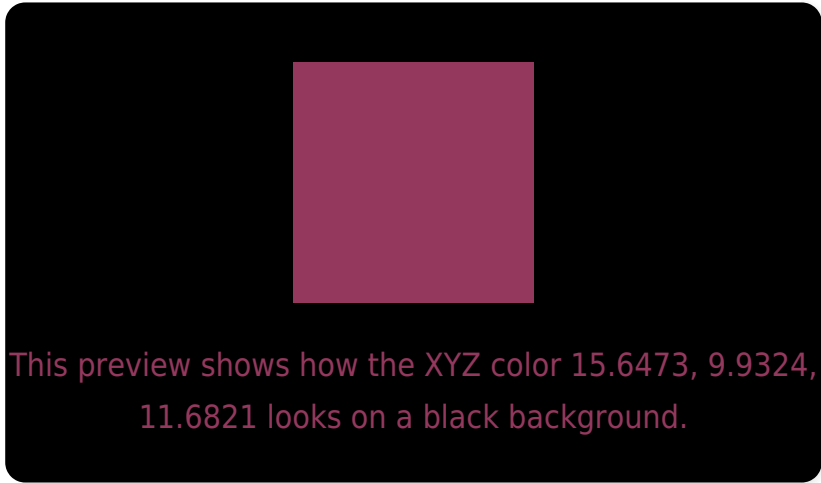
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6473, 9.9324, 11.6821

Background



This preview shows how black text looks on a background with the XYZ color 15.6473, 9.9324, 11.6821.

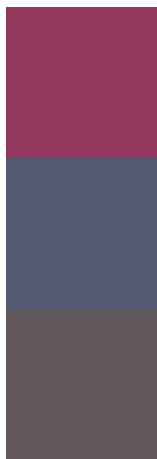


This preview shows how white text looks on a background with the XYZ color 15.6473, 9.9324,

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

15.6473, 9.9324, 11.6821

Protanopia

10.2342, 10.2216, 17.6532

Deuteranopia

10.2484, 10.1343, 10.8672



Tritanopia

14.5601, 9.9496, 6.3073

Trichromacy



Original Color

15.6473, 9.9324, 11.6821

Protanomaly

11.3711, 9.4951, 15.1433

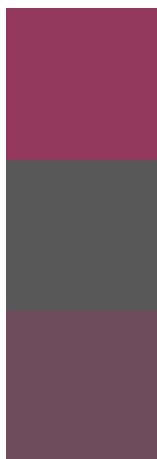
Deuteranomaly

11.6752, 9.6372, 11.1423

Tritanomaly

14.9530, 9.9566, 7.9712

Monochromacy



Original Color

15.6473, 9.9324, 11.6821

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.8603, 9.2221, 10.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6473, 9.9324, 11.6821 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, 56, 94)` looks like.

```
.text, #text, p{  
    color:rgb(148, 56, 94)  
}
```

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, 56, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 56, 94) }
```

Border

The CSS property to change the border of an element to XYZ 15.6473, 9.9324, 11.6821 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, 56, 94) }
```


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

```
.border{ border-color:rgb(148, 56, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 56, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 56, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 56, 94);  
box-shadow:4px 4px 4px 4px rgb(148, 56,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6473, 9.9324, 11.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 56, 94) }
```

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

```
.background{ background-color: rgb(148, 56,  
94) }
```

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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