

Converting Colors

XYZ(15.5179, 9.6103, 17.8071)

Have a look what the booklet for
XYZ(15.5179, 9.6103, 17.8071)
contains.

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Color

**XYZ(15.5146, 9.5854,
17.8621)**

Conversions

Conversions Part 1

Format	Color
Hex	8D3675
RGB	141, 54, 117
RGB Percent	55%, 21%, 46%
CMY	0.4471, 0.7882, 0.5412
CMYK	0.00, 0.62, 0.17, 0.45
HSL	317°, 45%, 38%
HSV	317°, 62%, 55%
XYZ	15.5146, 9.5854, 17.8621
YIQ	87.1950, 31.6290, 38.0370

Conversions

Conversions Part 2

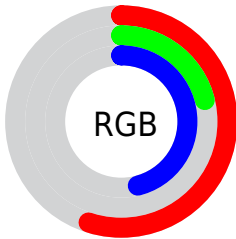
Format	Color
R_{YB}	141, 54, 117
Decimal	9254517
CIE _{Lab}	37.09, 44.43, -17.95
CIE _{LCh}	37, 47.920, 337.996
Yxy	9.5854, 0.3611, 0.2231
Android (android.graphics.Color)	4287444597 (0xFF8D3675)
YUV	87.1950, 14.6939, 47.1870
Hunter-Lab	30.9603, 35.2681, -12.5343

Details

The XYZ color **15.5146, 9.5854, 17.8621** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.4218, 20.3845, 10.4885**, and the grayscale version is **9.0660, 9.5381, 10.3870**.

A 20% lighter version of the original color is **35.3414, 25.0430, 40.5072**, and **5.0987, 2.5044, 5.8449** is the 20% darker color. If you saturate the color by 10%, you get **14.7271, 8.3687, 16.4945**, and if you desaturate by 10%, it is **16.5025, 11.1874, 19.3435**.

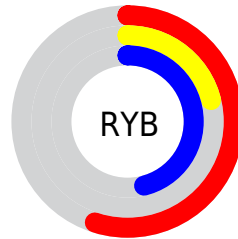
Distribution



Red (55%)

Green (21%)

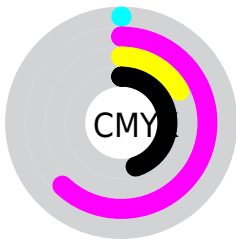
Blue (46%)



Red (55%)

Yellow (21%)

Blue (46%)

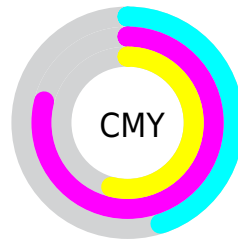


Cyan (0%)

Magenta (62%)

Yellow (17%)

Black (45%)



Cyan (45%)


Magenta (79%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5146, 9.5854, 17.8621 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 15.5146, 9.5854, 17.8621 by changing the saturation by 10% instead.


 15.5146, 9.5854,
17.8621


 15.5146, 9.5854,
17.8621


219.7873,
187.6869, 252.3026


 9.2700, 5.1249,
10.6826


 35.3177, 25.0127,
40.6130


 4.9762, 2.3208,
5.7424

 49.6070, 36.7483,
57.0214


 2.2679, 0.7847,
2.6228

 67.3085, 51.6778,
77.3433

 0.7782, 0.0000,
0.9042

 88.7876, 70.1856,
101.9971

 0.0000, 0.0000,
0.0000

 114.4097, 92.6559,
131.4014

 144.5401,

119.4734, 165.9747

179.5442,
151.0222, 206.1356

■ 15.5146, 9.5854,
17.8621

■ 15.5146, 9.5854,
17.8621

■ 14.7271, 8.3687,
16.4945

■ 16.5025, 11.1874,
19.3435

■ 14.1219, 7.5018,
15.2340

■ 17.7050, 13.2033,
20.9438

■ 13.6794, 6.9453,
14.0735

■ 19.1359, 15.6604,
22.6683

■ 13.3880, 6.6241,
13.1699

■ 20.8076, 18.5834,
24.5215

■ 22.7317, 21.9953,
26.5079

■ 24.9188, 25.9172,
28.6316

■ 27.3792, 30.3693,
30.8965

■ 30.1224, 35.3706,
33.3062

■ 33.1574, 40.9391,
35.8643

Harmonies

Analogous

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



13.1081, 9.5854, 29.4178



15.5146, 9.5854, 17.8621



16.0355, 9.5854, 8.3186

Triad

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



15.5146, 9.5854, 17.8621



8.3374, 9.5854, 1.1654



5.3034, 9.5854, 24.1302

Complementary

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



15.5146, 9.5854, 17.8621



12.4218, 20.3845, 10.4885

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.



4.5367, 9.5854, 12.8873



15.5146, 9.5854, 17.8621



6.0218, 9.5854, 2.1155

Square

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



15.5146, 9.5854, 17.8621



11.4278, 9.5854, 1.4222



4.7675, 9.5854, 5.4211



7.1300, 9.5854, 34.2066

Rectangle

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



15.5146, 9.5854, 17.8621



15.1568, 9.5854, 4.4782



4.7675, 9.5854, 5.4211



4.9336, 9.5854, 20.1778

Sweetspot

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



15.5149, 9.5859, 17.8623



38.0117, 34.6012, 44.7076



9.2041, 6.1481, 25.9012



8.3057, 7.4031, 9.7900



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.



15.5149, 9.5859, 17.8623



25.9152, 14.3124, 28.6391



13.5503, 8.8000, 7.5167



5.5636, 5.4860, 6.4662



12.2141, 6.0426, 12.0445



0.1261, 0.0615, 0.1643

Inverse Universe

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



15.5149, 9.5859, 17.8623



25.9152, 14.3124, 28.6391



14.4794, 21.2075, 21.3237



5.5636, 5.4860, 6.4662



12.2141, 6.0426, 12.0445



0.1261, 0.0615, 0.1643

Previews

White Background



This preview shows how the XYZ color 15.5146, 9.5854, 17.8621 looks on a white background.

Color Contrast Check

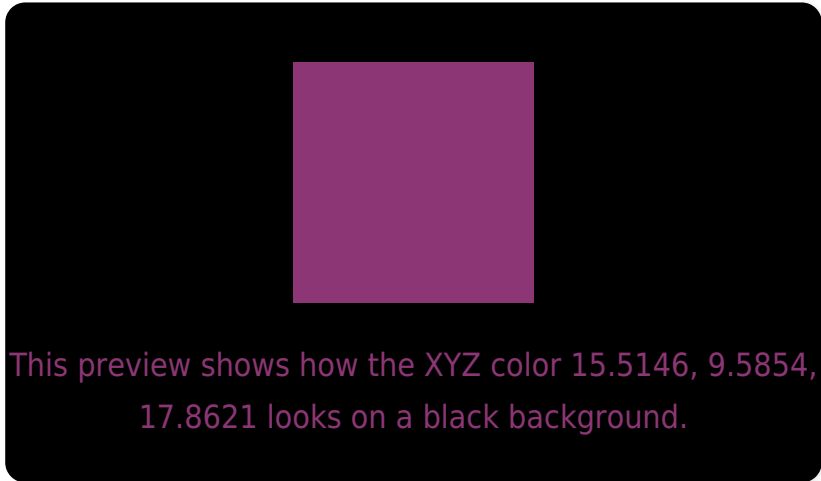
Large Text (above 18pt) WCAG AA ✓ Pass

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

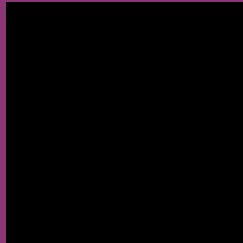
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5146, 9.5854, 17.8621

Background



This preview shows how black text looks on a background with the XYZ color 15.5146, 9.5854, 17.8621.



This preview shows how white text looks on a background with the XYZ color 15.5146, 9.5854,

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

15.5146, 9.5854, 17.8621

Protanopia

10.5325, 9.7970, 27.3225

Deuteranopia

9.9086, 9.7102, 16.6813



Tritanopia

13.2389, 9.5856, 7.1137

Trichromacy



Original Color

15.5146, 9.5854, 17.8621

Protanomaly

11.2661, 8.9459, 23.6872

Deuteranomaly

11.3117, 9.1157, 17.0829

Tritanomaly

13.9653, 9.5531, 10.3404

Monochromacy



Original Color

15.5146, 9.5854, 17.8621

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.7841, 9.0398, 12.7317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5146, 9.5854, 17.8621 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 54, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 54, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.5146, 9.5854, 17.8621 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, 117) }
```


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

```
.border{ border-color:rgb(141, 54, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 54, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 54, 117); box-shadow:4px 4px 4px 4px rgb(141, 54, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5146, 9.5854, 17.8621 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, 117) }
```

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

```
.background{ background-color: rgb(141, 54,  
117) }
```

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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