

Converting Colors

XYZ(14.5895, 9.1017, 16.7807)

Have a look what the booklet for
XYZ(14.5895, 9.1017, 16.7807)
contains.

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Color

**XYZ(14.6730, 9.1716,
16.9165)**

Conversions

Conversions Part 1

Format	Color
Hex	893672
RGB	137, 54, 114
RGB Percent	54%, 21%, 45%
CMY	0.4627, 0.7882, 0.5529
CMYK	0.00, 0.61, 0.17, 0.46
HSL	317°, 43%, 37%
HSV	317°, 61%, 54%
XYZ	14.6730, 9.1716, 16.9165
YIQ	85.6570, 30.2080, 36.2560

Conversions

Conversions Part 2

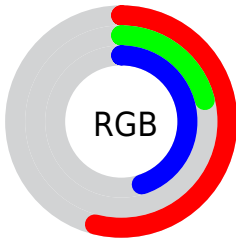
Format	Color
R_{YB}	137, 54, 114
Decimal	8992370
CIE _{Lab}	36.31, 42.74, -17.32
CIE _{LCh}	36, 46.116, 337.935
Yxy	9.1716, 0.3600, 0.2250
Android (android.graphics.Color)	4287182450 (0xFF893672)
YUV	85.6570, 13.9731, 45.0278
Hunter-Lab	30.2846, 33.4856, -11.9192

Details

The XYZ color **14.6730, 9.1716, 16.9165** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **11.8070, 19.2118, 10.1080**, and the grayscale version is **8.7401, 9.1952, 10.0136**.

A 20% lighter version of the original color is **33.9268, 24.1938, 38.9581**, and **4.6395, 2.2782, 5.3495** is the 20% darker color. If you saturate the color by 10%, you get **13.9113, 7.9868, 15.6184**, and if you desaturate by 10%, it is **15.6239, 10.7201, 18.3221**.

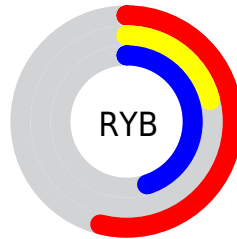
Distribution



Red (54%)

Green (21%)

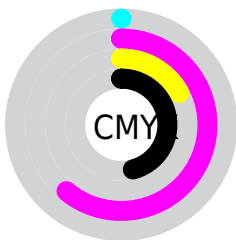
Blue (45%)



Red (54%)

Yellow (21%)

Blue (45%)

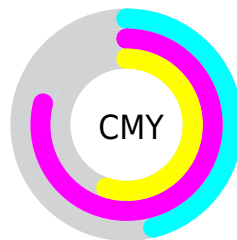


Cyan (0%)

Magenta (61%)

Yellow (17%)

Black (46%)



Cyan (46%)

Magenta (79%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6730, 9.1716, 16.9165 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 14.6730, 9.1716, 16.9165 by changing the saturation by 10% instead.

■ 14.6730, 9.1716,
16.9165

■ 14.6730, 9.1716,
16.9165

214.8062,
184.6529, 246.7184

■ 8.6750, 4.8533,
10.0136

■ 33.8549, 24.2252,
38.9708

■ 4.5852, 2.1614,
5.3023

■ 47.7695, 35.7293,
54.9594

■ 2.0383, 0.6988,
2.3639

■ 65.0537, 50.3975,
74.8136

■ 0.6553, 0.0000,
0.7667

■ 86.0729, 68.6141,
98.9520

■ 0.0000, 0.0000,
0.0000

■ 111.1924, 90.7636,
127.7932

■ 140.7775,

117.2303, 161.7556

175.1937,
148.3986, 201.2578

■ 14.6730, 9.1716,
16.9165

■ 14.6730, 9.1716,
16.9165

■ 13.9113, 7.9868,
15.6184

■ 15.6239, 10.7201,
18.3221

■ 13.3223, 7.1334,
14.4216

■ 16.7769, 12.6586,
19.8397

■ 12.8880, 6.5753,
13.3195

■ 18.1449, 15.0123,
21.4743

■ 12.5704, 6.2199,
12.3510

■ 19.7393, 17.8039,
23.2302

■ 21.5708, 21.0547,
25.1114

■ 23.6492, 24.7842,
27.1217

■ 25.9841, 29.0112,
29.2647

■ 28.5841, 33.7531,
31.5439

■ 31.4578, 39.0267,
33.9625

Harmonies

Analogous

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



12.4362, 9.1716, 27.5943



14.6730, 9.1716, 16.9165



15.1601, 9.1716, 8.0174

Triad

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



14.6730, 9.1716, 16.9165



7.9996, 9.1716, 1.2010



5.1428, 9.1716, 22.6734

Complementary

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



14.6730, 9.1716, 16.9165



11.8070, 19.2118, 10.1080

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.



4.4206, 9.1716, 12.2538



14.6730, 9.1716, 16.9165



5.8253, 9.1716, 2.1221

Square

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



14.6730, 9.1716, 16.9165



10.8849, 9.1716, 1.4546



4.6407, 9.1716, 5.2666



6.8585, 9.1716, 31.9714

Rectangle

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



14.6730, 9.1716, 16.9165



14.3479, 9.1716, 4.3919



4.6407, 9.1716, 5.2666



4.7944, 9.1716, 19.0184

Sweetspot

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



14.6733, 9.1720, 16.9167



36.0286, 33.0833, 42.3169



8.8261, 5.9870, 24.3576



7.9028, 7.1056, 9.3033



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.6733, 9.1720, 16.9167



24.4517, 13.6188, 27.0846



12.8509, 8.4431, 7.3202



5.1757, 5.1057, 6.0138



11.7144, 5.7959, 11.5322



0.0840, 0.0410, 0.1093

Inverse Universe

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



14.6733, 9.1720, 16.9167



24.4517, 13.6188, 27.0846



13.7157, 19.9753, 20.1587



5.1757, 5.1057, 6.0138



11.7144, 5.7959, 11.5322



0.0840, 0.0410, 0.1093

Previews

White Background



This preview shows how the XYZ color 14.6730, 9.1716, 16.9165 looks on a white background.

Color Contrast Check

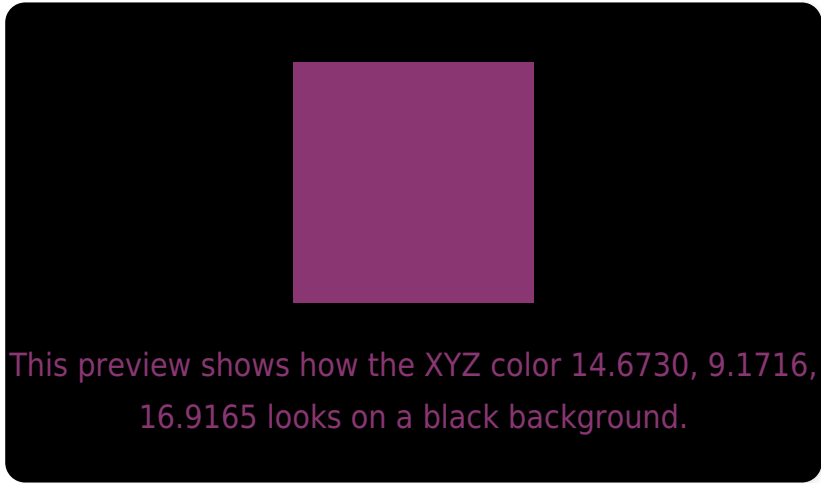
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6730, 9.1716, 16.9165

Background



This preview shows how black text looks on a background with the XYZ color 14.6730, 9.1716, 16.9165.



This preview shows how white text looks on a background with the XYZ color 14.6730, 9.1716,

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

14.6730, 9.1716, 16.9165

Protanopia

10.0827, 9.4902, 25.3451

Deuteranopia

9.5761, 9.4401, 15.7854



Tritanopia

12.6687, 9.2093, 6.9042

Trichromacy



Original Color

14.6730, 9.1716, 16.9165

Protanomaly

10.8249, 8.7578, 21.8888

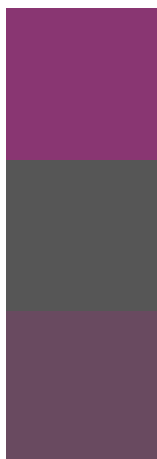
Deuteranomaly

10.9115, 8.9288, 16.1873

Tritanomaly

13.1800, 9.0777, 9.8616

Monochromacy



Original Color

14.6730, 9.1716, 16.9165

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.3858, 8.7453, 12.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6730, 9.1716, 16.9165 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(137, 54, 114)` looks like.

```
.text, #text, p{  
    color:rgb(137, 54, 114)  
}
```

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(137, 54, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 54, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.6730, 9.1716, 16.9165 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(137, 54, 114) }
```


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

```
.border{ border-color:rgb(137, 54, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 54, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 54, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 54, 114); box-shadow:4px 4px 4px 4px rgb(137, 54, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6730, 9.1716, 16.9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 54, 114) }
```

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

```
.background{ background-color: rgb(137, 54,  
114) }
```

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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