

Converting Colors

XYZ(14.6269, 7.9036, 17.2776)

Have a look what the booklet for
XYZ(14.6269, 7.9036, 17.2776)
contains.

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Color

**XYZ(14.6269, 7.9036,
17.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	8D1F74
RGB	141, 31, 116
RGB Percent	55%, 12%, 45%
CMY	0.4471, 0.8784, 0.5451
CMYK	0.00, 0.78, 0.18, 0.45
HSL	314°, 64%, 34%
HSV	314°, 78%, 55%
XYZ	14.6269, 7.9036, 17.2776
YIQ	73.5800, 38.2750, 49.7550

Conversions

Conversions Part 2

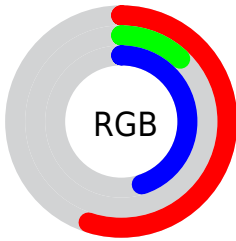
Format	Color
R_{YB}	141, 31, 116
Decimal	9248628
CIE _{Lab}	33.78, 53.37, -22.45
CIE _{LCh}	34, 57.896, 337.187
Yxy	7.9036, 0.3674, 0.1985
Android (android.graphics.Color)	4287438708 (0xFF8D1F74)
YUV	73.5800, 20.9131, 59.1273
Hunter-Lab	28.1133, 43.6722, -16.7585

Details

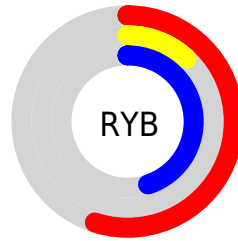
The XYZ color **14.6269, 7.9036, 17.2776** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.8042, 19.6270, 6.9611**, and the grayscale version is **6.3947, 6.7277, 7.3265**.

A 20% lighter version of the original color is **33.8463, 21.8124, 39.4721**, and **4.9436, 2.4315, 5.5190** is the 20% darker color. If you saturate the color by 10%, you get **14.1528, 7.2484, 16.2156**, and if you desaturate by 10%, it is **15.2692, 8.8845, 18.4275**.

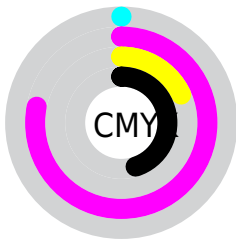
Distribution



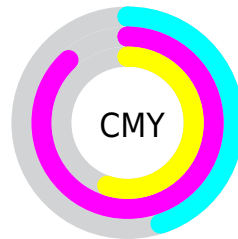
- Red (55%)
- Green (12%)
- Blue (45%)



- Red (55%)
- Yellow (12%)
- Blue (45%)



- Cyan (0%)
- Magenta (78%)
- Yellow (18%)
- Black (45%)





- Cyan (45%)
- Magenta (88%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6269, 7.9036, 17.2776 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 14.6269, 7.9036, 17.2776 by changing the saturation by 10% instead.


 14.6269, 7.9036,
17.2776


 14.6269, 7.9036,
17.2776


214.5302,
174.9739, 248.8649


 8.6426, 4.0333,
10.2686


 33.7744, 21.7692,
39.5996


 4.5640, 1.6922,
5.4695

 47.6682, 32.5334,
55.7497


 2.0259, 0.4186,
2.4617

 64.9293, 46.3643,
75.7839

 0.6484, 0.0000,
0.8198

 85.9229, 63.6464,
100.1206

 0.0000, 0.0000,
0.0000

 111.0144, 84.7640,
129.1786

 140.5692,

110.1015, 163.3763

174.9527,
140.0433, 203.1322

■ 14.6269, 7.9036,
17.2776

■ 14.6269, 7.9036,
17.2776

■ 14.1528, 7.2484,
16.2156

■ 15.2692, 8.8845,
18.4275

■ 13.8073, 6.8406,
15.2279

■ 16.0975, 10.2272,
19.6714

■ 13.7424, 6.7659,
15.0364

■ 17.1284, 11.9645,
21.0151

■ 18.3762, 14.1252,
22.4639

■ 19.8541, 16.7353,
24.0222

■ 21.5740, 19.8186,
25.6945

■ 23.5471, 23.3975,
27.4848

■ 25.7839, 27.4927,
29.3967

■ 28.2942, 32.1239,
31.4340

Harmonies

Analogous

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



11.8195, 7.9036, 31.2706



14.6269, 7.9036, 17.2776



15.3043, 7.9036, 6.6055

Triad

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



14.6269, 7.9036, 17.2776



6.7767, 7.9036, 0.0561



3.6345, 7.9036, 24.0065

Complementary

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



14.6269, 7.9036, 17.2776



10.8042, 19.6270, 6.9611

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.



2.9501, 7.9036, 10.9736



14.6269, 7.9036, 17.2776



4.4036, 7.9036, 0.8473

Square

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



14.6269, 7.9036, 17.2776



10.1250, 7.9036, 0.3409



3.1855, 7.9036, 3.4656



5.3925, 7.9036, 36.7083

Rectangle

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



14.6269, 7.9036, 17.2776



14.3231, 7.9036, 2.8492



3.1855, 7.9036, 3.4656



3.2975, 7.9036, 19.2668

Sweetspot

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



14.6272, 7.9040, 17.2777



36.8915, 32.3567, 44.3466



6.8646, 3.7110, 25.5541



8.0255, 6.8439, 9.6932



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.



14.6272, 7.9040, 17.2777



24.8540, 12.4058, 27.6202



12.3490, 6.9927, 5.2809



5.5745, 5.4903, 6.5235



12.5365, 6.1716, 13.7426



0.1281, 0.0623, 0.1750

Inverse Universe

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



14.6272, 7.9040, 17.2777



24.8540, 12.4058, 27.6202



12.8957, 20.4636, 17.9751



5.5745, 5.4903, 6.5235



12.5365, 6.1716, 13.7426



0.1281, 0.0623, 0.1750

Previews

White Background



This preview shows how the XYZ color 14.6269, 7.9036, 17.2776 looks on a white background.

Color Contrast Check

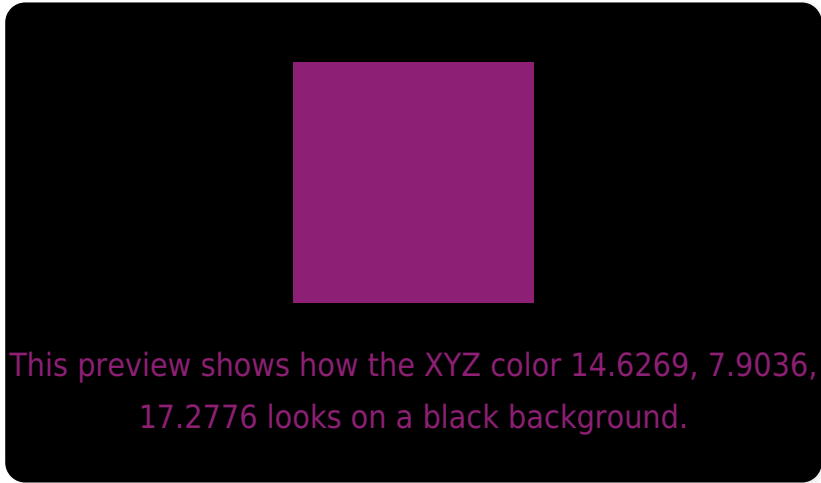
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6269, 7.9036, 17.2776

Background



This preview shows how black text looks on a background with the XYZ color 14.6269, 7.9036, 17.2776.



This preview shows how white text looks on a background with the XYZ color 14.6269, 7.9036,

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

14.6269, 7.9036, 17.2776

Protanopia

9.4401, 8.2274, 32.1008

Deuteranopia

8.3556, 8.2408, 15.9021



Tritanopia

12.1403, 8.0660, 4.6584

Trichromacy



Original Color

14.6269, 7.9036, 17.2776

Protanomaly

9.3781, 6.7564, 26.0091

Deuteranomaly

9.5770, 7.1565, 16.2058

Tritanomaly

12.7948, 7.8301, 8.0447

Monochromacy



Original Color

14.6269, 7.9036, 17.2776

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

8.3532, 6.3441, 10.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6269, 7.9036, 17.2776 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, 31, 116)` looks like.

```
.text, #text, p{  
    color:rgb(141, 31, 116)  
}
```

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, 31, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 31, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.6269, 7.9036, 17.2776 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, 31, 116) }
```


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

```
.border{ border-color:rgb(141, 31, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 31, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 31, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 31, 116); box-shadow:4px 4px 4px 4px rgb(141, 31, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6269, 7.9036, 17.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 31, 116) }
```

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

```
.background{ background-color: rgb(141, 31,  
116) }
```

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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