

Converting Colors

XYZ(14.3641, 7.2082, 9.5629)

Have a look what the booklet for
XYZ(14.3641, 7.2082, 9.5629)
contains.

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Color

**XYZ(14.2980, 7.1722,
9.6476)**

Conversions

Conversions Part 1

Format	Color
Hex	960057
RGB	150, 0, 87
RGB Percent	59%, 0%, 34%
CMY	0.4118, 0.9999, 0.6588
CMYK	0.00, 1.00, 0.42, 0.41
HSL	325°, 100%, 29%
HSV	325°, 100%, 59%
XYZ	14.2980, 7.1722, 9.6476
YIQ	54.7680, 61.4730, 58.8570

Conversions

Conversions Part 2

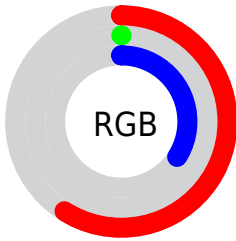
Format	Color
R_{YB}	150, 0, 87
Decimal	9830487
CIE _{Lab}	32.20, 58.18, -6.07
CIE _{LCh}	32, 58.494, 354.047
Yxy	7.1722, 0.4595, 0.2305
Android (android.graphics.Color)	4288020567 (0xFF960057)
YUV	54.7680, 15.8904, 83.5185
Hunter-Lab	26.7810, 48.4321, -2.6120

Details

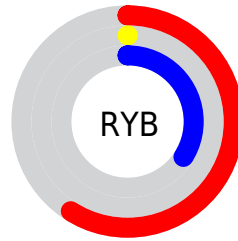
The XYZ color **14.2980, 7.1722, 9.6476** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.8044, 22.1719, 8.3632**, and the grayscale version is **3.5789, 3.7652, 4.1004**.

A 20% lighter version of the original color is **33.3259, 20.3936, 25.8468**, and **4.9321, 2.4943, 2.4120** is the 20% darker color. If you saturate the color by 10%, you get **14.2976, 7.1720, 9.6457**, and if you desaturate by 10%, it is **14.7379, 7.6219, 11.1204**.

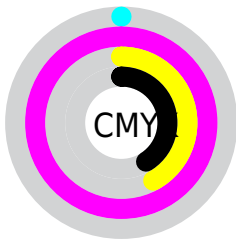
Distribution



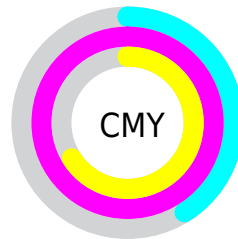
- Red (59%)
- Green (0%)
- Blue (34%)



- Red (59%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2980, 7.1722, 9.6476 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 14.2980, 7.1722, 9.6476 by changing the saturation by 10% instead.


 14.2980, 7.1722,
9.6476


 14.2980, 7.1722,
9.6476


212.5506,
169.0870, 198.5307


 8.4113, 3.5700,
5.0634


 33.1987, 20.3188,
25.7279


 4.4133, 1.4361,
2.2251

 46.9435, 30.6320,
38.0611


 1.9385, 0.2431,
0.6888

 64.0383, 43.9510,
53.8143

 0.5990, 0.0000,
0.0000


 84.8485, 60.6602,
73.4062


 0.0000, 0.0000,
0.0000


 109.7395, 81.1441,
97.2552


 139.0766,

105.7868, 125.7800


 173.2252,
134.9730, 159.3989


 14.2980, 7.1722,
9.6476


 14.2980, 7.1722,
9.6476


 14.2976, 7.1720,
9.6457

 14.7379, 7.6219,
11.1204

 15.3235, 8.3261,
12.7553

 16.1133, 9.4010,
14.5745

 17.1306, 10.8924,
16.5883

 18.3953, 12.8391,
18.8058

■ 19.9249, 15.2757,
21.2353

■ 21.7354, 18.2331,
23.8843

■ 23.8414, 21.7400,
26.7600

■ 26.2564, 25.8227,
29.8692

Harmonies

Analogous

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



12.6216, 7.1722, 22.0449



14.2980, 7.1722, 9.6476



13.5437, 7.1722, 2.8325

Triad

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



14.2980, 7.1722, 9.6476



4.7294, 7.1722, 0.1463



3.9642, 7.1722, 30.2114

Complementary

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



14.2980, 7.1722, 9.6476



11.8044, 22.1719, 8.3632

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.



2.7946, 7.1722, 16.6413



14.2980, 7.1722, 9.6476



3.1373, 7.1722, 1.5772

Square

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



14.2980, 7.1722, 9.6476



7.4318, 7.1722, 0.0000



2.5438, 7.1722, 6.2208



6.2370, 7.1722, 38.3762

Rectangle

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



14.2980, 7.1722, 9.6476



11.8501, 7.1722, 1.0395



2.5438, 7.1722, 6.2208



3.4592, 7.1722, 25.8019

Sweetspot

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



14.2982, 7.1726, 9.6477



38.1501, 31.8344, 41.8562



7.5242, 3.2433, 29.0836



8.1750, 6.5958, 8.8742



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.



14.2982, 7.1726, 9.6477



25.1434, 12.6215, 16.5551



12.6475, 6.5123, 0.9551



5.9333, 5.8684, 6.7550



11.8744, 5.9548, 8.0855



0.1601, 0.0788, 0.1766

Inverse Universe

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



14.2982, 7.1726, 9.6477



25.1434, 12.6215, 16.5551



15.4580, 23.6334, 27.6030



5.9333, 5.8684, 6.7550



11.8744, 5.9548, 8.0855



0.1601, 0.0788, 0.1766

Previews

White Background



This preview shows how the XYZ color 14.2980, 7.1722, 9.6476 looks on a white background.

Color Contrast Check

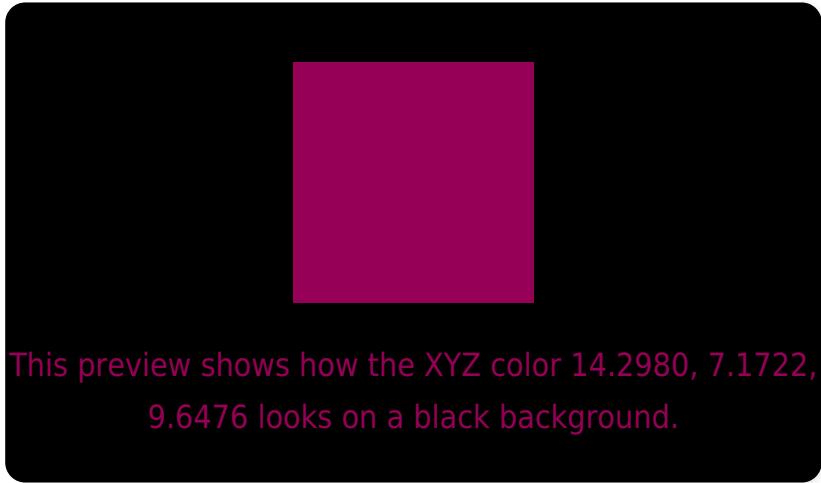
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2980, 7.1722, 9.6476

Background



This preview shows how black text looks on a background with the XYZ color 14.2980, 7.1722, 9.6476.



This preview shows how white text looks on a background with the XYZ color 14.2980, 7.1722, 9.6476.

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

14.2980, 7.1722, 9.6476

Protanopia

8.2800, 7.7805, 20.4674

Deuteranopia

7.9074, 7.7414, 8.8621



Tritanopia

12.9080, 7.4684, 2.3513

Trichromacy



Original Color

14.2980, 7.1722, 9.6476

Protanomaly

8.4818, 5.6715, 15.6866

Deuteranomaly

8.9250, 5.9896, 8.8693

Tritanomaly

13.1655, 7.1361, 4.1735

Monochromacy



Original Color

14.2980, 7.1722, 9.6476

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8306, 3.7810, 5.7327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2980, 7.1722, 9.6476 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(150, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 87)  
}
```

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(150, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.2980, 7.1722, 9.6476 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(150, 0, 87) }
```


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

```
.border{ border-color:rgb(150, 0, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 0, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(150, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2980, 7.1722, 9.6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 87) }
```

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

```
.background{ background-color: rgb(150, 0,  
87) }
```

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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