

Converting Colors

XYZ(14.5123, 7.4361, 2.7255)

Have a look what the booklet for
XYZ(14.5123, 7.4361, 2.7255)
contains.

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Color

**XYZ(14.5008, 7.4292,
2.7675)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0029
RGB	158, 0, 41
RGB Percent	62%, 0%, 16%
CMY	0.3804, 0.9999, 0.8392
CMYK	0.00, 1.00, 0.74, 0.38
HSL	344°, 100%, 31%
HSV	344°, 100%, 62%
XYZ	14.5008, 7.4292, 2.7675
YIQ	51.9160, 81.0070, 46.2470

Conversions

Conversions Part 2

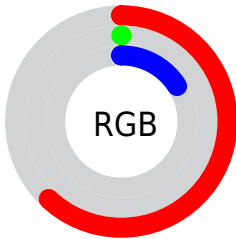
Format	Color
RYB	158, 0, 41
Decimal	10354729
CIELab	32.76, 56.98, 25.27
CIELCh	33, 62.331, 23.920
Yxy	7.4292, 0.5871, 0.3008
Android (android.graphics.Color)	4288544809 (0xFF9E0029)
YUV	51.9160, -5.3816, 93.0357
Hunter-Lab	27.2566, 47.2651, 13.0596

Details

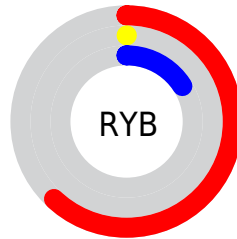
The XYZ color **14.5008, 7.4292, 2.7675** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.4393, 25.7386, 20.9911**, and the grayscale version is **3.2550, 3.4245, 3.7293**.

A 20% lighter version of the original color is **33.7110, 20.9197, 11.0652**, and **5.0370, 2.5967, 0.2357** is the 20% darker color. If you saturate the color by 10%, you get **14.5004, 7.4290, 2.7659**, and if you desaturate by 10%, it is **14.9189, 7.8887, 4.0687**.

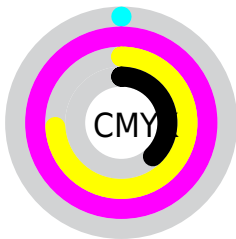
Distribution



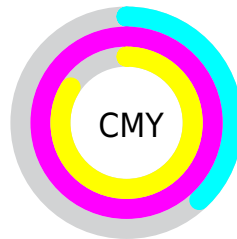
- Red (62%)
- Green (0%)
- Blue (16%)



- Red (62%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (38%)




- Cyan (38%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5008, 7.4292, 2.7675 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 14.5008, 7.4292, 2.7675 by changing the saturation by 10% instead.


 14.5008, 7.4292,
2.7675


 14.5008, 7.4292,
2.7675


213.7733,
171.1839, 133.3420


 8.5538, 3.7319,
0.9772


 33.5539, 20.8316,
11.0491


 4.5061, 1.5248,
0.0000

 47.3908, 31.3055,
18.3775


 1.9922, 0.3061,
0.0000

 64.5883, 44.8071,
28.3890

 0.6296, 0.0000,
0.0000


 85.5118, 61.7207,
41.5022

 0.0000, 0.0000,
0.0000

 110.5267, 82.4308,
58.1355

 139.9984,


107.3218, 78.7075


 174.2921,
136.7780, 103.6369


 14.5008, 7.4292,
2.7675


 14.5008, 7.4292,
2.7675


 14.5004, 7.4290,
2.7659

 14.9189, 7.8887,
4.0687

 15.5438, 8.6567,
5.7626

 16.4422, 9.8594,
7.8931

 17.6438, 11.5503,
10.4901

 19.1747, 13.7750,
13.5805

■ 21.0576, 16.5740,
17.1890

■ 23.3135, 19.9838,
21.3385

■ 25.9616, 24.0377,
26.0507

■ 29.0196, 28.7667,
31.3460

Harmonies

Analogous

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



15.3308, 7.4292, 10.1481



14.5008, 7.4292, 2.7675



11.4444, 7.4292, 0.4275

Triad

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



14.5008, 7.4292, 2.7675



3.1038, 7.4292, 1.4467



6.4166, 7.4292, 42.4075

Complementary

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



14.5008, 7.4292, 2.7675



15.4393, 25.7386, 20.9911

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.



3.9702, 7.4292, 33.0812



14.5008, 7.4292, 2.7675



2.4756, 7.4292, 6.3294

Square

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



14.5008, 7.4292, 2.7675



4.8081, 7.4292, 0.0000



2.7348, 7.4292, 17.7963



9.9269, 7.4292, 38.1972

Rectangle

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



14.5008, 7.4292, 2.7675



8.9480, 7.4292, 0.0000



2.7348, 7.4292, 17.7963



5.4603, 7.4292, 40.6147

Sweetspot

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



14.5010, 7.4297, 2.7676



42.0715, 35.8860, 38.2694



13.3573, 6.1734, 32.8351



9.1030, 7.5112, 7.9311



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.5010, 7.4297, 2.7676



26.2625, 13.4630, 4.6524



14.7586, 8.5851, 0.8799



6.7002, 6.6730, 7.2722



11.6277, 5.9556, 2.2903



0.2237, 0.1128, 0.1239

Inverse Universe

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



14.5010, 7.4297, 2.7676



26.2625, 13.4630, 4.6524



13.0260, 16.1772, 34.7835



6.7002, 6.6730, 7.2722



11.6277, 5.9556, 2.2903



0.2237, 0.1128, 0.1239

Previews

White Background



This preview shows how the XYZ color 14.5008, 7.4292, 2.7675 looks on a white background.

Color Contrast Check

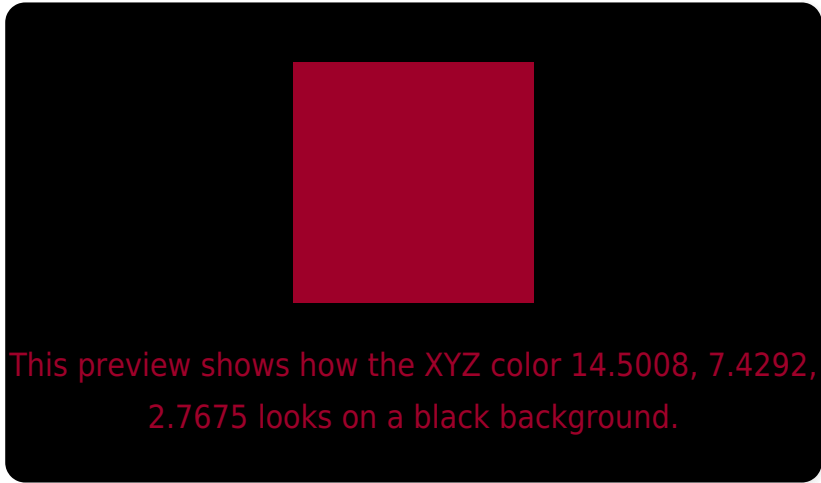
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5008, 7.4292, 2.7675

Background



This preview shows how black text looks on a background with the XYZ color 14.5008, 7.4292, 2.7675.



This preview shows how white text looks on a background with the XYZ color 14.5008, 7.4292, 2.7675.

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

14.5008, 7.4292, 2.7675

Protanopia

7.5759, 8.0636, 5.7146

Deuteranopia

8.1007, 7.9825, 2.4803



Tritanopia

14.1714, 7.5955, 1.0670

Trichromacy



Original Color

14.5008, 7.4292, 2.7675

Protanomaly

8.5318, 6.0787, 4.2137

Deuteranomaly

9.2455, 6.3002, 2.3189

Tritanomaly

14.1790, 7.4693, 1.5050

Monochromacy



Original Color

14.5008, 7.4292, 2.7675

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.3917, 3.5253, 3.1926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5008, 7.4292, 2.7675 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(158, 0, 41)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 41)  
}
```

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(158, 0, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 41) }
```

Border

The CSS property to change the border of an element to XYZ 14.5008, 7.4292, 2.7675 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(158, 0, 41) }
```


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

```
.border{ border-color:rgb(158, 0, 41) }
```

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

Here you see how a box with a 4 pixel rgb(158, 0, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 0, 41);  
box-shadow:4px 4px 4px 4px rgb(158, 0, 41)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5008, 7.4292, 2.7675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 0, 41) }
```

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

```
.background{ background-color: rgb(158, 0,  
41) }
```

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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