

Converting Colors

XYZ(14.4313, 7.2901, 7.4313)

Have a look what the booklet for
XYZ(14.4313, 7.2901, 7.4313)
contains.

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Color

**XYZ(14.4414, 7.2941,
7.4842)**

Conversions

Conversions Part 1

Format	Color
Hex	99004C
RGB	153, 0, 76
RGB Percent	60%, 0%, 30%
CMY	0.4000, 0.9999, 0.7020
CMYK	0.00, 1.00, 0.50, 0.40
HSL	330°, 100%, 30%
HSV	330°, 100%, 60%
XYZ	14.4414, 7.2941, 7.4842
YIQ	54.4110, 66.7920, 56.0720

Conversions

Conversions Part 2

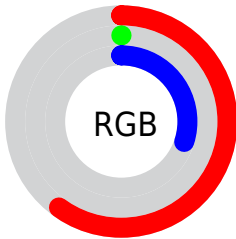
Format	Color
RYB	153, 0, 76
Decimal	10027084
CIELab	32.47, 57.89, 1.64
CIElCh	32, 57.917, 1.620
Yxy	7.2941, 0.4942, 0.2496
Android (android.graphics.Color)	4288217164 (0xFF99004C)
YUV	54.4110, 10.6434, 86.4626
Hunter-Lab	27.0076, 48.1836, 2.4752

Details

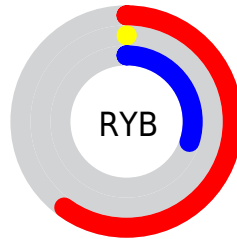
The XYZ color **14.4414, 7.2941, 7.4842** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.7317, 23.3187, 10.8547**, and the grayscale version is **3.5400, 3.7244, 4.0559**.

A 20% lighter version of the original color is **33.3691, 20.5099, 21.6021**, and **4.9938, 2.5427, 1.6664** is the 20% darker color. If you saturate the color by 10%, you get **14.4410, 7.2940, 7.4824**, and if you desaturate by 10%, it is **14.9008, 7.7585, 9.0384**.

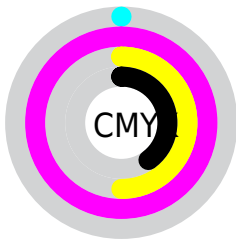
Distribution



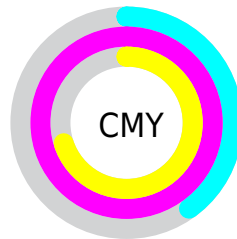
- Red (60%)
- Green (0%)
- Blue (30%)



- Red (60%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4414, 7.2941, 7.4842 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 14.4414, 7.2941, 7.4842 by changing the saturation by 10% instead.


 14.4414, 7.2941,
7.4842

 14.4414, 7.2941,
7.4842


213.4159,
170.0856, 181.4093


 8.5121, 3.6467,
3.6837


 33.4500, 20.5625,
21.4701


 4.4788, 1.4780,
1.4535

 47.2599, 30.9522,
32.4926

 1.9764, 0.2731,
0.1829

 64.4274, 44.3582,
46.7595

 0.6207, 0.0000,
0.0000

 85.3178, 61.1648,
64.6894

 0.0000, 0.0000,
0.0000

 110.2965, 81.7565,
86.7008


 139.7289,


106.5176, 113.2122


 173.9802,
135.8324, 144.6422

 14.4414, 7.2941,
7.4842


 14.4414, 7.2941,
7.4842


 14.4410, 7.2940,
7.4824

 14.9008, 7.7585,
9.0384

 15.5227, 8.4948,
10.8102

 16.3678, 9.6228,
12.8249

 17.4609, 11.1907,
15.0956

 18.8234, 13.2395,
17.6341

■ 20.4740, 15.8056,
20.4510

■ 22.4301, 18.9219,
23.5564

■ 24.7071, 22.6183,
26.9597

■ 27.3199, 26.9228,
30.6698

Harmonies

Analogous

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



13.3439, 7.2941, 18.6608



14.4414, 7.2941, 7.4842



13.0932, 7.2941, 2.0492

Triad

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



14.4414, 7.2941, 7.4842



4.3279, 7.2941, 0.4656



4.5374, 7.2941, 33.1314

Complementary

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



14.4414, 7.2941, 7.4842



12.7317, 23.3187, 10.8547

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.



3.0907, 7.2941, 20.1270



14.4414, 7.2941, 7.4842



2.9965, 7.2941, 2.3947

Square

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



14.4414, 7.2941, 7.4842



6.7711, 7.2941, 0.0000



2.6188, 7.2941, 8.4182



7.0971, 7.2941, 38.5262

Rectangle

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



14.4414, 7.2941, 7.4842



11.1644, 7.2941, 0.7394



2.6188, 7.2941, 8.4182



3.9337, 7.2941, 29.1944

Sweetspot

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



14.4416, 7.2945, 7.4843



39.9415, 33.5199, 41.8351



8.7711, 3.8578, 30.4193



8.5099, 6.9058, 8.7538



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.4416, 7.2945, 7.4843



25.7686, 13.0252, 12.9071



13.1372, 6.7728, 0.6154



6.3303, 6.2713, 7.1194



11.9521, 6.0351, 6.2728



0.1970, 0.0976, 0.1903

Inverse Universe

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



14.4416, 7.2945, 7.4843



25.7686, 13.0252, 12.9071



17.1413, 25.0825, 34.0750



6.3303, 6.2713, 7.1194



11.9521, 6.0351, 6.2728



0.1970, 0.0976, 0.1903

Previews

White Background



This preview shows how the XYZ color 14.4414, 7.2941, 7.4842 looks on a white background.

Color Contrast Check

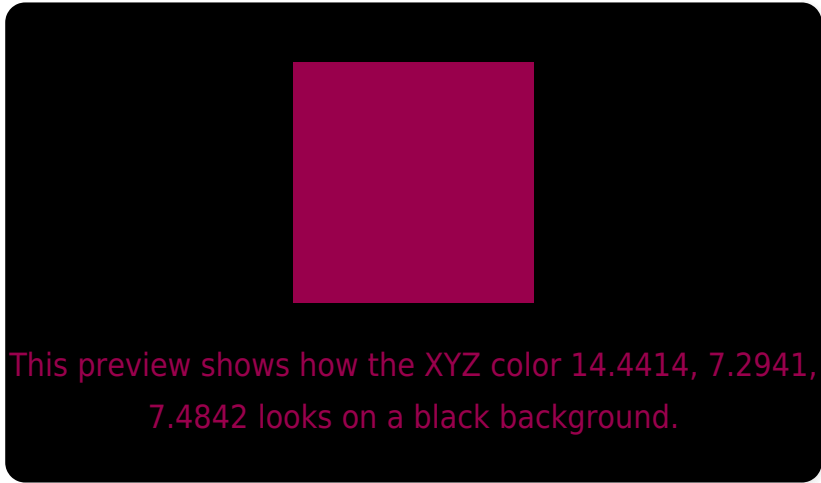
Large Text (above 18pt) WCAG AA ✓ Pass

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

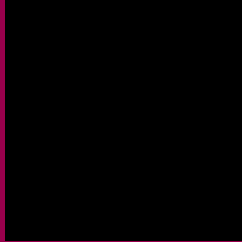
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4414, 7.2941, 7.4842

Background



This preview shows how black text looks on a background with the XYZ color 14.4414, 7.2941, 7.4842.



This preview shows how white text looks on a background with the XYZ color 14.4414, 7.2941,

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

14.4414, 7.2941, 7.4842

Protanopia

8.1362, 8.0198, 15.8710

Deuteranopia

8.0738, 7.9741, 6.9080



Tritanopia

13.4611, 7.6016, 1.9861

Trichromacy



Original Color

14.4414, 7.2941, 7.4842

Protanomaly

8.6007, 5.8724, 12.2354

Deuteranomaly

9.2074, 6.2419, 6.8504

Tritanomaly

13.6949, 7.3464, 3.3855

Monochromacy



Original Color

14.4414, 7.2941, 7.4842

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.6580, 3.6655, 4.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4414, 7.2941, 7.4842 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(153, 0, 76)` looks like.

```
.text, #text, p{  
  color:rgb(153, 0, 76)  
}
```

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(153, 0, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.4414, 7.2941, 7.4842 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(153, 0, 76) }
```


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

```
.border{ border-color:rgb(153, 0, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(153, 0, 76)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4414, 7.2941, 7.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 76) }
```

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

```
.background{ background-color: rgb(153, 0,  
76) }
```

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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