

Converting Colors

XYZ(14.2144, 7.6543, 3.9771)

Have a look what the booklet for
XYZ(14.2144, 7.6543, 3.9771)
contains.

XYZ(14.2144, 7.6543, 3.9771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.2144, 7.6543,
3.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	9A1534
RGB	154, 21, 52
RGB Percent	60%, 8%, 20%
CMY	0.3961, 0.9176, 0.7961
CMYK	0.00, 0.86, 0.66, 0.40
HSL	346°, 76%, 34%
HSV	346°, 86%, 60%
XYZ	14.2144, 7.6543, 3.9771
YIQ	64.3010, 69.3170, 37.8370

Conversions

Conversions Part 2

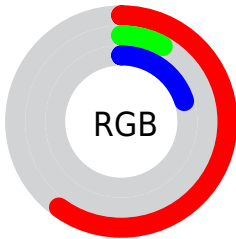
Format	Color
RYB	154, 21, 52
Decimal	10097972
CIELab	33.25, 53.11, 18.56
CIElCh	33, 56.255, 19.263
Yxy	7.6543, 0.5500, 0.2962
Android (android.graphics.Color)	4288288052 (0xFF9A1534)
YUV	64.3010, -6.0644, 78.6660
Hunter-Lab	27.6664, 43.2932, 10.8434

Details

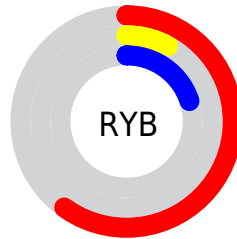
The XYZ color **14.2144, 7.6543, 3.9771** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.4410, 24.7010, 22.6972**, and the grayscale version is **4.9210, 5.1773, 5.6381**.

A 20% lighter version of the original color is **32.9535, 21.2126, 13.9129**, and **4.7631, 2.4504, 0.4517** is the 20% darker color. If you saturate the color by 10%, you get **13.7735, 7.1463, 2.6778**, and if you desaturate by 10%, it is **14.8899, 8.5250, 5.6832**.

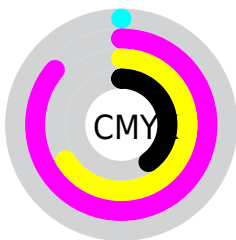
Distribution



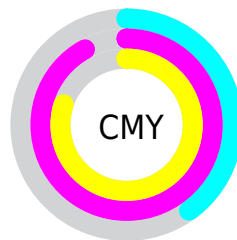
- Red (60%)
- Green (8%)
- Blue (20%)



- Red (60%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (86%)
- Yellow (66%)
- Black (40%)




- Cyan (40%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2144, 7.6543, 3.9771 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 14.2144, 7.6543, 3.9771 by changing the saturation by 10% instead.


 14.2144, 7.6543,
3.9771


 14.2144, 7.6543,
3.9771


212.0446,
172.9948, 147.9705


 8.3526, 3.8745,
1.6128

 33.0521, 21.2779,
13.9569


 4.3751, 1.6036,
0.2999

 46.7587, 31.8905,
22.4095


 1.9165, 0.3600,
0.0000

 63.8109, 45.5496,
33.7286

 0.5864, 0.0000,
0.0000

 84.5742, 62.6394,
48.3327

 0.0000, 0.0000,
0.0000

 109.4139, 83.5445,
66.6404

 138.6952,

108.6491, 89.0703

172.7837,
138.3378, 116.0408

14.2144, 7.6543,
3.9771

14.2144, 7.6543,
3.9771

13.7735, 7.1463,
2.6778

14.8899, 8.5250,
5.6832

13.6429, 6.9966,
2.2911

15.8375, 9.8260,
7.8310

17.0844, 11.6051,
10.4500

18.6541, 13.9032,
13.5669

20.5678, 16.7570,
17.2064

■ 22.8448, 20.1997,
21.3914

■ 25.5029, 24.2619,
26.1435

■ 28.5588, 28.9721,
31.4830

■ 32.0282, 34.3571,
37.4294

Harmonies

Analogous

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



14.5651, 7.6543, 11.8164



14.2144, 7.6543, 3.9771



11.7396, 7.6543, 1.0296

Triad

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



14.2144, 7.6543, 3.9771



3.7140, 7.6543, 1.5247



6.2501, 7.6543, 37.4972

Complementary

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



14.2144, 7.6543, 3.9771



15.4410, 24.7010, 22.6972

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.



4.1160, 7.6543, 28.2382



14.2144, 7.6543, 3.9771



2.9440, 7.6543, 5.6137

Square

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



14.2144, 7.6543, 3.9771



5.5291, 7.6543, 0.2955



3.0674, 7.6543, 15.0799



9.3548, 7.6543, 35.7868

Rectangle

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



14.2144, 7.6543, 3.9771



9.5211, 7.6543, 0.3301



3.0674, 7.6543, 15.0799



5.4135, 7.6543, 35.4033

Sweetspot

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



14.2146, 7.6548, 3.9772



41.4250, 36.5810, 38.7240



14.2651, 7.0786, 31.1860



9.0596, 7.7992, 8.1883



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.2146, 7.6548, 3.9772



24.7204, 12.6847, 3.8283



14.8992, 9.7990, 1.8163



6.2648, 6.2451, 6.7748



11.1274, 5.7052, 1.9301



0.1786, 0.0902, 0.0933

Inverse Universe

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



14.2146, 7.6548, 3.9772



24.7204, 12.6847, 3.8283



12.6841, 15.5763, 32.9096



6.2648, 6.2451, 6.7748



11.1274, 5.7052, 1.9301



0.1786, 0.0902, 0.0933

Previews

White Background



This preview shows how the XYZ color 14.2144, 7.6543, 3.9771 looks on a white background.

Color Contrast Check

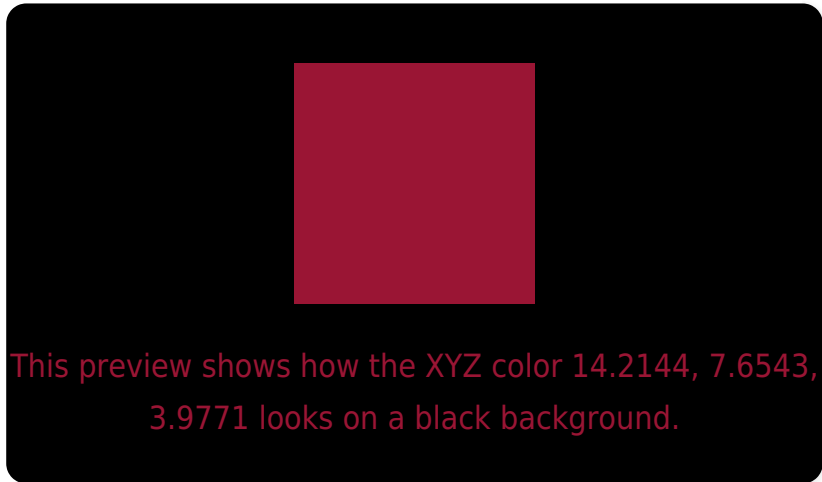
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2144, 7.6543, 3.9771

Background



This preview shows how black text looks on a background with the XYZ color 14.2144, 7.6543, 3.9771.



This preview shows how white text looks on a background with the XYZ color 14.2144, 7.6543,

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

14.2144, 7.6543, 3.9771

Protanopia

7.6720, 8.0707, 7.6320

Deuteranopia

8.0951, 7.9550, 3.5914



Tritanopia

13.7500, 7.6819, 1.7950

Trichromacy



Original Color

14.2144, 7.6543, 3.9771

Protanomaly

8.8540, 6.7725, 5.9948

Deuteranomaly

9.4189, 6.8933, 3.6304

Tritanomaly

13.8029, 7.5949, 2.4075

Monochromacy



Original Color

14.2144, 7.6543, 3.9771

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

6.8023, 4.9815, 4.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2144, 7.6543, 3.9771 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(154, 21, 52)` looks like.

```
.text, #text, p{  
    color:rgb(154, 21, 52)  
}
```

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(154, 21, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 21, 52) }
```

Border

The CSS property to change the border of an element to XYZ 14.2144, 7.6543, 3.9771 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(154, 21, 52) }
```


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

```
.border{ border-color:rgb(154, 21, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 21, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 21, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 21, 52);  
box-shadow:4px 4px 4px 4px rgb(154, 21,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2144, 7.6543, 3.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 21, 52) }
```

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

```
.background{ background-color: rgb(154, 21,  
52) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor