

Converting Colors

XYZ(14.0180, 6.9843, 3.7308)

Have a look what the booklet for
XYZ(14.0180, 6.9843, 3.7308)
contains.

XYZ(14.1151, 7.2076, 3.7792)	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(14.1151, 7.2076,
3.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	9B0033
RGB	155, 0, 51
RGB Percent	61%, 0%, 20%
CMY	0.3922, 0.9999, 0.8000
CMYK	0.00, 1.00, 0.67, 0.39
HSL	340°, 100%, 30%
HSV	340°, 100%, 61%
XYZ	14.1151, 7.2076, 3.7792
YIQ	52.1590, 76.0090, 48.7210

Conversions

Conversions Part 2

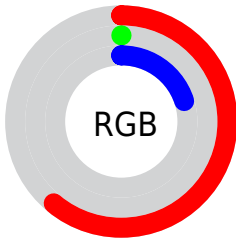
Format	Color
R_YB	155, 0, 51
Decimal	10158131
CIE Lab	32.27, 56.70, 17.99
CIE LCh	32, 59.485, 17.607
Yxy	7.2076, 0.5623, 0.2871
Android (android.graphics.Color)	4288348211 (0xFF9B0033)
YUV	52.1590, -0.5714, 90.1916
Hunter-Lab	26.8470, 46.8662, 10.4467

Details

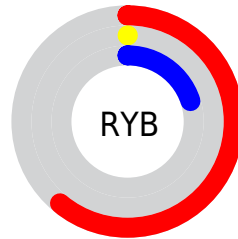
The XYZ color **14.1151, 7.2076, 3.7792** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **14.2214, 24.4426, 17.0713**, and the grayscale version is **3.2787, 3.4495, 3.7565**.

A 20% lighter version of the original color is **32.9926, 20.4942, 13.5261**, and **4.8567, 2.4999, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **14.1146, 7.2074, 3.7773**, and if you desaturate by 10%, it is **14.5490, 7.6664, 5.1848**.

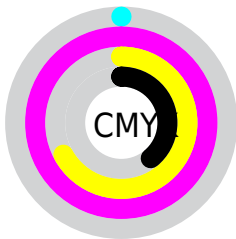
Distribution



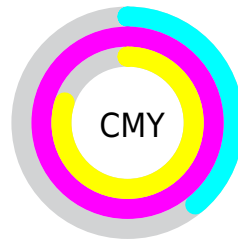
- Red (61%)
- Green (0%)
- Blue (20%)



- Red (61%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1151, 7.2076, 3.7792 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 14.1151, 7.2076, 3.7792 by changing the saturation by 10% instead.


 14.1151, 7.2076,
3.7792


 14.1151, 7.2076,
3.7792


211.4420,
169.3777, 145.7386


 8.2830, 3.5923,
1.5050


 32.8777, 20.3896,
13.4972

 4.3299, 1.4482,
0.2217

 46.5389, 30.7251,
21.7782


 1.8904, 0.2518,
0.0000

 63.5405, 44.0695,
32.8984

 0.5713, 0.0000,
0.0000

 84.2478, 60.8071,
47.2766

 0.0000, 0.0000,
0.0000

 109.0263, 81.3223,
65.3311

 138.2413,

105.9995, 87.4806

172.2580,
135.2232, 114.1436

14.1151, 7.2076,
3.7792

14.1151, 7.2076,
3.7792

14.1146, 7.2074,
3.7773

14.5490, 7.6664,
5.1848

15.1714, 8.4151,
6.9219

16.0458, 9.5760,
9.0262

17.1998, 11.1997,
11.5200

18.6567, 13.3293,
14.4235

■ 20.4377, 16.0029,
17.7556

■ 22.5616, 19.2549,
21.5336

■ 25.0460, 23.1169,
25.7740

■ 27.9072, 27.6182,
30.4923

Harmonies

Analogous

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



14.3403, 7.2076, 12.0413



14.1151, 7.2076, 3.7792



11.6243, 7.2076, 0.8190

Triad

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



14.1151, 7.2076, 3.7792



3.3632, 7.2076, 1.0917



5.6655, 7.2076, 38.4227

Complementary

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



14.1151, 7.2076, 3.7792



14.2214, 24.4426, 17.0713

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.



3.6039, 7.2076, 27.9877



14.1151, 7.2076, 3.7792



2.5654, 7.2076, 4.7622

Square

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



14.1151, 7.2076, 3.7792



5.2227, 7.2076, 0.0000



2.6379, 7.2076, 14.1171



8.7859, 7.2076, 37.2917

Rectangle

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



14.1151, 7.2076, 3.7792



9.3414, 7.2076, 0.0452



2.6379, 7.2076, 14.1171



4.8473, 7.2076, 35.9497

Sweetspot

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



14.1153, 7.2080, 3.7793



40.1593, 34.1036, 38.1352



11.5493, 5.2708, 31.4188



8.7381, 7.1785, 8.0127



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.



14.1153, 7.2080, 3.7793



25.1997, 12.8764, 6.3522



13.8838, 7.7009, 0.7554



6.2884, 6.2545, 6.8989



11.3531, 5.7955, 3.1187



0.1853, 0.0929, 0.1286

Inverse Universe

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



14.1153, 7.2080, 3.7793



25.1997, 12.8764, 6.3522



13.7894, 18.1121, 33.7793



6.2884, 6.2545, 6.8989



11.3531, 5.7955, 3.1187



0.1853, 0.0929, 0.1286

Previews

White Background



This preview shows how the XYZ color 14.1151, 7.2076, 3.7792 looks on a white background.

Color Contrast Check

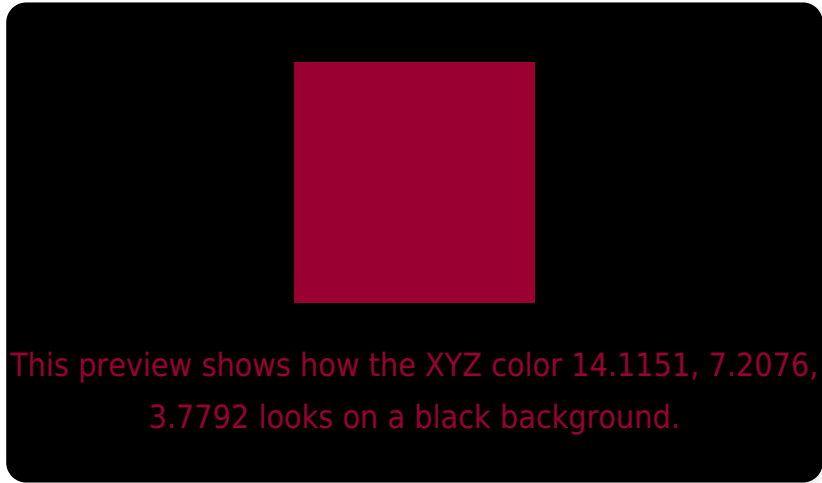
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1151, 7.2076, 3.7792

Background



This preview shows how black text looks on a background with the XYZ color 14.1151, 7.2076, 3.7792.



This preview shows how white text looks on a background with the XYZ color 14.1151, 7.2076, 3.7792.

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

14.1151, 7.2076, 3.7792

Protanopia

7.4593, 7.8493, 7.7785

Deuteranopia

7.9005, 7.7554, 3.4634



Tritanopia

13.7038, 7.4500, 1.2880

Trichromacy



Original Color

14.1151, 7.2076, 3.7792

Protanomaly

8.3083, 5.8627, 5.8480

Deuteranomaly

9.0413, 6.1707, 3.4039

Tritanomaly

13.7047, 7.2516, 1.9057

Monochromacy



Original Color

14.1151, 7.2076, 3.7792

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.2835, 3.4595, 3.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1151, 7.2076, 3.7792 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(155, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(155, 0, 51)  
}
```

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(155, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 51) }
```

Border

The CSS property to change the border of an element to XYZ 14.1151, 7.2076, 3.7792 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(155, 0, 51) }
```


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

```
.border{ border-color:rgb(155, 0, 51) }
```

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

Here you see how a box with a 4 pixel rgb(155, 0, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(155, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1151, 7.2076, 3.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 51) }
```

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

```
.background{ background-color: rgb(155, 0,  
51) }
```

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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