

Converting Colors

XYZ(14.4782, 7.7928, 1.5001)

Have a look what the booklet for
XYZ(14.4782, 7.7928, 1.5001)
contains.

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Color

**XYZ(14.4782, 7.7928,
1.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	9E1316
RGB	158, 19, 22
RGB Percent	62%, 7%, 9%
CMY	0.3804, 0.9254, 0.9137
CMYK	0.00, 0.88, 0.86, 0.38
HSL	359°, 79%, 35%
HSV	359°, 88%, 62%
XYZ	14.4782, 7.7928, 1.5001
YIQ	60.9030, 81.8810, 30.4010

Conversions

Conversions Part 2

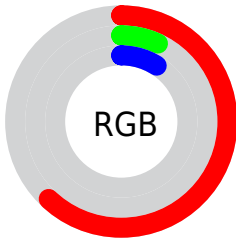
Format	Color
R_{YB}	158, 19, 22
Decimal	10359574
CIE _{Lab}	33.55, 53.46, 37.48
CIE _{LCh}	34, 65.293, 35.032
Yxy	7.7928, 0.6091, 0.3278
Android (android.graphics.Color)	4288549654 (0xFF9E1316)
YUV	60.9030, -19.1792, 85.1541
Hunter-Lab	27.9156, 43.7253, 16.3548

Details

The XYZ color **14.4782, 7.7928, 1.5001** is a dark color, and the websafe version is hex **990000**, and the color name is **spartan crimson**. A complement of this color would be **18.4135, 26.9592, 35.2511**, and the grayscale version is **4.4412, 4.6725, 5.0884**.

A 20% lighter version of the original color is **33.4410, 21.4939, 7.5404**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.1711, 7.3532, 0.8602**, and if you desaturate by 10%, it is **15.0373, 8.5969, 2.6552**.

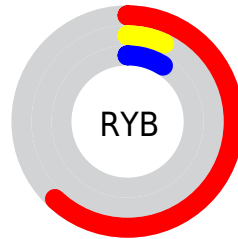
Distribution



Red (62%)

Green (7%)

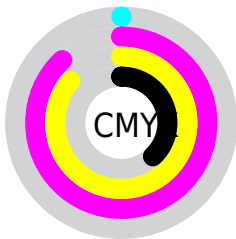
Blue (9%)



Red (62%)

Yellow (7%)

Blue (9%)

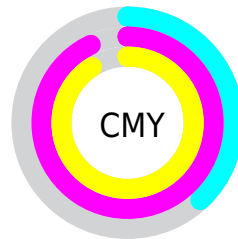


Cyan (0%)

Magenta (88%)

Yellow (86%)

Black (38%)



Cyan (38%)


Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4782, 7.7928, 1.5001 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 14.4782, 7.7928, 1.5001 by changing the saturation by 10% instead.


 14.4782, 7.7928,
1.5001

 14.4782, 7.7928,
1.5001


213.6374,
174.0977, 114.0555


 8.5379, 3.9627,
0.2180


 33.5144, 21.5512,
7.6226


 4.4957, 1.6527,
0.0000

 47.3410, 32.2483,
13.4760


 1.9862, 0.3927,
0.0000

 64.5271, 46.0032,
21.7490

 0.6262, 0.0000,
0.0000


 85.4380, 63.2002,
32.8600


 0.0000, 0.0000,
0.0000


 110.4392, 84.2237,
47.2276


 139.8959,

109.4582, 65.2704


 174.1735,
139.2881, 87.4069


 14.4782, 7.7928,
1.5001


 14.4782, 7.7928,
1.5001


 14.1711, 7.3532,
0.8602


 15.0373, 8.5969,
2.6552

 14.1189, 7.2764,
0.7577

 15.9084, 9.8597,
4.4234

 17.1282, 11.6365,
6.8736

 18.7282, 13.9741,
10.0656

 20.7364, 16.9143,
14.0527

■ 23.1781, 20.4949,
18.8832

■ 26.0767, 24.7505,
24.6017

■ 29.4537, 29.7132,
31.2496

■ 33.3293, 35.4132,
38.8655

Harmonies

Analogous

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



16.4442, 7.7928, 6.8902



14.4782, 7.7928, 1.5001



10.6603, 7.7928, 0.0000

Triad

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



14.4782, 7.7928, 1.5001



2.7975, 7.7928, 2.6372



8.0189, 7.7928, 46.3669

Complementary

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



14.4782, 7.7928, 1.5001



18.4135, 26.9592, 35.2511

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.



4.8934, 7.7928, 41.1663



14.4782, 7.7928, 1.5001



2.4913, 7.7928, 10.3087

Square

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



14.4782, 7.7928, 1.5001



4.1515, 7.7928, 0.3060



3.1205, 7.7928, 25.2703



12.0310, 7.7928, 36.4663

Rectangle

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



14.4782, 7.7928, 1.5001



8.0108, 7.7928, 0.0000



3.1205, 7.7928, 25.2703



6.8340, 7.7928, 46.3729

Sweetspot

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



14.4784, 7.7933, 1.5002



42.8054, 38.2661, 35.7015



19.6108, 9.7430, 33.1943



9.2965, 8.1077, 7.3496



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.



14.4784, 7.7933, 1.5002



25.6308, 13.2104, 1.3262



17.3788, 13.6375, 2.3332



6.6385, 6.6483, 6.9477



11.3099, 5.8285, 0.6169



0.2037, 0.1048, 0.0189

Inverse Universe

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



14.4784, 7.7933, 1.5002



25.6308, 13.2104, 1.3262



10.3671, 10.4607, 33.8201



6.6385, 6.6483, 6.9477



11.3099, 5.8285, 0.6169



0.2037, 0.1048, 0.0189

Previews

White Background



This preview shows how the XYZ color 14.4782, 7.7928, 1.5001 looks on a white background.

Color Contrast Check

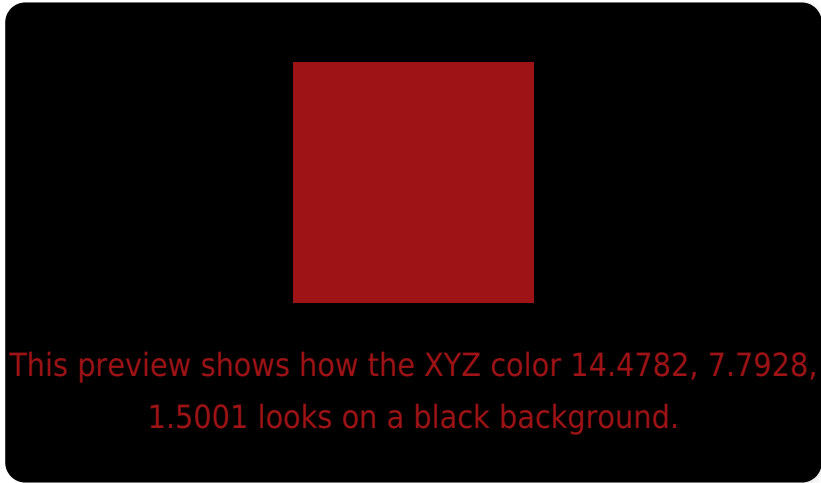
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4782, 7.7928, 1.5001

Background



This preview shows how black text looks on a background with the XYZ color 14.4782, 7.7928, 1.5001.



This preview shows how white text looks on a background with the XYZ color 14.4782, 7.7928,

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

14.4782, 7.7928, 1.5001

Protanopia

7.4773, 8.1859, 2.8550

Deuteranopia

8.1334, 8.1325, 1.1411



Tritanopia

14.4442, 7.8068, 1.2358

Trichromacy



Original Color

14.4782, 7.7928, 1.5001

Protanomaly

8.8306, 6.7699, 2.1376

Deuteranomaly

9.4840, 6.9835, 1.0778

Tritanomaly

14.4599, 7.8131, 1.3182

Monochromacy



Original Color

14.4782, 7.7928, 1.5001

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.3140, 4.6460, 3.2533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4782, 7.7928, 1.5001 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, 19, 22)` looks like.

```
.text, #text, p{  
    color:rgb(158, 19, 22)  
}
```

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, 19, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 19, 22) }
```

Border

The CSS property to change the border of an element to XYZ 14.4782, 7.7928, 1.5001 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, 19, 22) }
```


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

```
.border{ border-color:rgb(158, 19, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 19, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 19, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 19, 22);  
box-shadow:4px 4px 4px 4px rgb(158, 19,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4782, 7.7928, 1.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 19, 22) }
```

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

```
.background{ background-color: rgb(158, 19,  
22) }
```

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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