

Converting Colors

XYZ(14.4698, 8.0317, 0.8045)

Have a look what the booklet for
XYZ(14.4698, 8.0317, 0.8045)
contains.

XYZ(14.4980, 8.0552, 0.8194)	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(14.4980, 8.0552,
0.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	9E1B01
RGB	158, 27, 1
RGB Percent	62%, 11%, 0%
CMY	0.3804, 0.8941, 0.9961
CMYK	0.00, 0.83, 0.99, 0.38
HSL	10°, 99%, 31%
HSV	10°, 99%, 62%
XYZ	14.4980, 8.0552, 0.8194
YIQ	63.2050, 86.4220, 19.6860

Conversions

Conversions Part 2

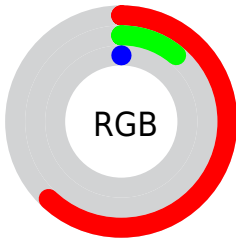
Format	Color
R_{YB}	158, 32, 1
Decimal	10361601
CIE Lab	34.10, 51.22, 47.07
CIE LCh	34, 69.559, 42.584
Yxy	8.0552, 0.6203, 0.3446
Android (android.graphics.Color)	4288551681 (0xFF9E1B01)
YUV	63.2050, -30.6671, 83.1352
Hunter-Lab	28.3817, 41.5139, 18.1554

Details

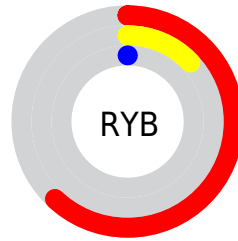
The XYZ color **14.4980, 8.0552, 0.8194** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.4336, 18.9742, 35.2492**, and the grayscale version is **4.7908, 5.0403, 5.4888**.

A 20% lighter version of the original color is **33.6430, 22.0994, 5.5100**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.4738, 8.0157, 0.7843**, and if you desaturate by 10%, it is **14.9655, 8.8397, 1.4396**.

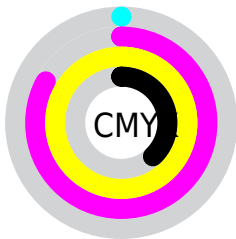
Distribution



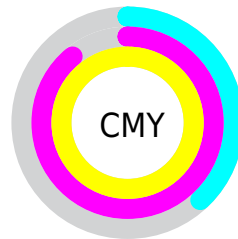
- Red (62%)
- Green (11%)
- Blue (0%)



- Red (62%)
- Yellow (13%)
- Blue (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (99%)
- Black (38%)





- Cyan (38%)
- Magenta (89%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4980, 8.0552, 0.8194 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 14.4980, 8.0552, 0.8194 by changing the saturation by 10% instead.


 14.4980, 8.0552,
0.8194


 14.4980, 8.0552,
0.8194


 213.7565,
176.1643, 100.1122


 8.5519, 4.1303,
0.0000


 33.5490, 22.0666,
5.4683


 4.5048, 1.7467,
0.0000

 47.3846, 32.9219,
10.2667


 1.9915, 0.4536,
0.0000

 64.5807, 46.8560,
17.2750

 0.6292, 0.0000,
0.0000


 85.5027, 64.2535,
26.9116


 0.0000, 0.0000,
0.0000

 110.5159, 85.4987,
39.5951


 139.9857,


110.9759, 55.7440

 174.2774,
141.0697, 75.7769


 14.4980, 8.0552,
0.8194


 14.4980, 8.0552,
0.8194


 14.4738, 8.0157,
0.7843

 14.9655, 8.8397,
1.4396

 15.6598, 9.9574,
2.5063

 16.6233, 11.4479,
4.1734

 17.8814, 13.3411,
6.5131

 19.4561, 15.6636,
9.5875

■ 21.3676, 18.4398,
13.4513

■ 23.6341, 21.6924,
18.1543

■ 26.2726, 25.4422,
23.7420

■ 29.2990, 29.7091,
30.2565

Harmonies

Analogous

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



17.3854, 8.0552, 4.9167



14.4980, 8.0552, 0.8194



10.0911, 8.0552, 0.0000

Triad

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



14.4980, 8.0552, 0.8194



2.5441, 8.0552, 3.8345



9.3840, 8.0552, 49.9638

Complementary

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



14.4980, 8.0552, 0.8194



14.4336, 18.9742, 35.2492

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.



5.6484, 8.0552, 48.5036



14.4980, 8.0552, 0.8194



2.4675, 8.0552, 14.2448

Square

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



14.4980, 8.0552, 0.8194



3.6617, 8.0552, 0.5295



3.3985, 8.0552, 32.3419



13.8334, 8.0552, 35.4513

Rectangle

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



14.4980, 8.0552, 0.8194



7.3274, 8.0552, 0.0000



3.3985, 8.0552, 32.3419



7.9947, 8.0552, 51.5350

Sweetspot

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



14.4982, 8.0557, 0.8195



42.3821, 38.6255, 31.8423



18.4458, 9.0246, 23.4888



9.1757, 8.1648, 6.3887



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.



14.4982, 8.0557, 0.8195



26.1850, 14.3574, 1.3912



18.9612, 16.9817, 2.3072



6.7175, 6.8150, 6.9470



11.6128, 6.4611, 0.6351



0.2294, 0.1591, 0.0186

Inverse Universe

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



14.4336, 18.9742, 35.2492



26.0226, 34.1132, 63.9564



7.5958, 5.2986, 32.9699



6.7283, 7.3223, 8.4654



11.5564, 15.2042, 28.2329



0.2293, 0.3172, 0.5124

Previews

White Background



This preview shows how the XYZ color 14.4980, 8.0552, 0.8194 looks on a white background.

Color Contrast Check

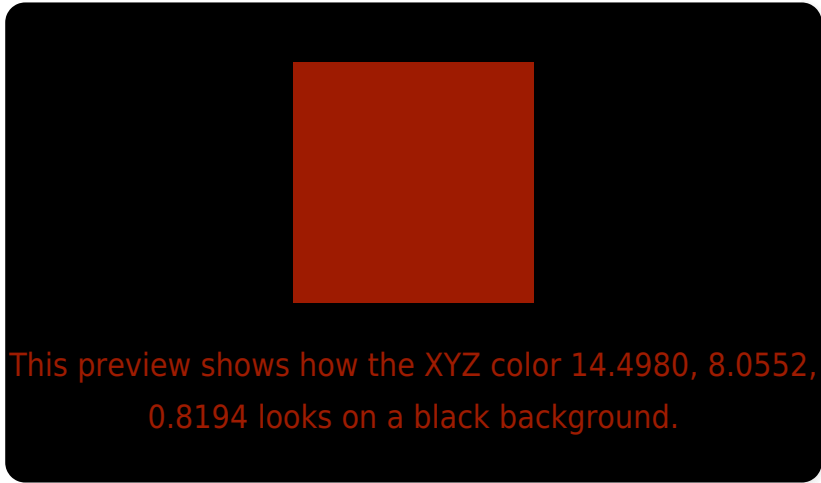
Large Text (above 18pt) WCAG AA ✓ Pass

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

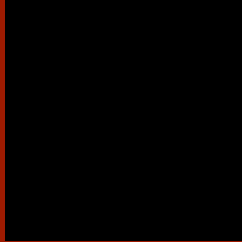
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4980, 8.0552, 0.8194

Background



This preview shows how black text looks on a background with the XYZ color 14.4980, 8.0552, 0.8194.



This preview shows how white text looks on a background with the XYZ color 14.4980, 8.0552,

0.8194.

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

14.4980, 8.0552, 0.8194

Protanopia

7.5485, 8.3569, 1.8313

Deuteranopia

8.3179, 8.3323, 1.1699



Tritanopia

14.6348, 8.0738, 1.6512

Trichromacy



Original Color

14.4980, 8.0552, 0.8194

Protanomaly

8.9914, 7.1848, 1.2607

Deuteranomaly

9.7323, 7.3389, 0.9036

Tritanomaly

14.5635, 8.0453, 1.2755

Monochromacy



Original Color

14.4980, 8.0552, 0.8194

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.5606, 5.0311, 2.6328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4980, 8.0552, 0.8194 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, 27, 1)` looks like.

```
.text, #text, p{  
    color:rgb(158, 27, 1)  
}
```

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, 27, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 27, 1) }
```

Border

The CSS property to change the border of an element to XYZ 14.4980, 8.0552, 0.8194 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, 27, 1) }
```


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

```
.border{ border-color:rgb(158, 27, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 27, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 27, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 27, 1);  
box-shadow:4px 4px 4px 4px rgb(158, 27, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4980, 8.0552, 0.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 27, 1) }
```

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

```
.background{ background-color: rgb(158, 27,  
1) }
```

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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