

Converting Colors

XYZ(14.1752, 7.8320, 1.1957)

Have a look what the booklet for
XYZ(14.1752, 7.8320, 1.1957)
contains.

XYZ(14.1590, 7.8384, 1.1822)	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(14.1590, 7.8384,
1.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	9C1A0E
RGB	156, 26, 14
RGB Percent	61%, 10%, 5%
CMY	0.3882, 0.8980, 0.9451
CMYK	0.00, 0.83, 0.91, 0.39
HSL	5°, 84%, 33%
HSV	5°, 91%, 61%
XYZ	14.1590, 7.8384, 1.1822
YIQ	63.5020, 81.3320, 23.8280

Conversions

Conversions Part 2

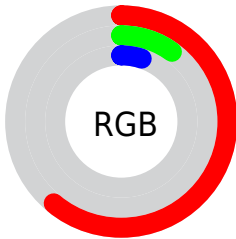
Format	Color
R_{YB}	156, 27, 14
Decimal	10230286
CIE Lab	33.64, 51.07, 41.31
CIE LCh	34, 65.685, 38.966
Yxy	7.8384, 0.6108, 0.3382
Android (android.graphics.Color)	4288420366 (0xFF9C1A0E)
YUV	63.5020, -24.4045, 81.1207
Hunter-Lab	27.9971, 41.2778, 17.0944

Details

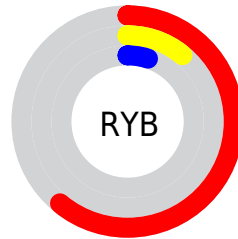
The XYZ color **14.1590, 7.8384, 1.1822** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16.1536, 22.4372, 34.9318**, and the grayscale version is **4.8263, 5.0777, 5.5296**.

A 20% lighter version of the original color is **32.8994, 21.5723, 6.7048**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **13.8567, 7.3607, 0.6904**, and if you desaturate by 10%, it is **14.7082, 8.6969, 2.1053**.

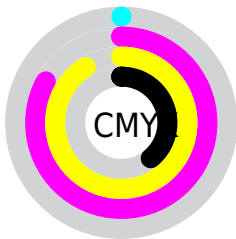
Distribution



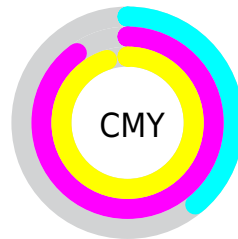
- Red (61%)
- Green (10%)
- Blue (5%)



- Red (61%)
- Yellow (11%)
- Blue (5%)



- Cyan (0%)
- Magenta (83%)
- Yellow (91%)
- Black (39%)





- Cyan (39%)
- Magenta (90%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1590, 7.8384, 1.1822 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 14.1590, 7.8384, 1.1822 by changing the saturation by 10% instead.


 14.1590, 7.8384,
1.1822


 14.1590, 7.8384,
1.1822


 211.7086,
174.4590, 108.0020


 8.3138, 3.9917,
0.0000


 32.9548, 21.6410,
6.6519


 4.3499, 1.6689,
0.0000

 46.6361, 32.3658,
12.0457


 1.9019, 0.4034,
0.0000

 63.6601, 46.1520,
19.7702

 0.5779, 0.0000,
0.0000

 84.3922, 63.3841,
30.2439


 0.0000, 0.0000,
0.0000


 109.1978, 84.4464,
43.8854

 138.4421,

109.7234, 61.1133


 172.4906,
139.5995, 82.3459


 14.1590, 7.8384,
1.1822


 14.1590, 7.8384,
1.1822


 13.8567, 7.3607,
0.6904

 14.7082, 8.6969,
2.1053

 15.5338, 9.9508,
3.6050

 16.6663, 11.6409,
5.7554

 18.1323, 13.8023,
8.6193

 19.9552, 16.4668,
12.2522

■ 22.1564, 19.6632,
16.7040

■ 24.7557, 23.4184,
22.0205

■ 27.7715, 27.7573,
28.2441

■ 31.2209, 32.7031,
35.4143

Harmonies

Analogous

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



16.4896, 7.8384, 5.8241



14.1590, 7.8384, 1.1822



10.1939, 7.8384, 0.0000

Triad

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



14.1590, 7.8384, 1.1822



2.7060, 7.8384, 3.2465



8.5714, 7.8384, 46.3732

Complementary

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



14.1590, 7.8384, 1.1822



16.1536, 22.4372, 34.9318

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.



5.2490, 7.8384, 43.1466



14.1590, 7.8384, 1.1822



2.5204, 7.8384, 11.9777

Square

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



14.1590, 7.8384, 1.1822



3.9150, 7.8384, 0.4849



3.2876, 7.8384, 27.8132



12.6511, 7.8384, 34.7406

Rectangle

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



14.1590, 7.8384, 1.1822



7.5747, 7.8384, 0.0000



3.2876, 7.8384, 27.8132



7.3270, 7.8384, 47.1092

Sweetspot

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



14.1592, 7.8389, 1.1823



41.8064, 37.9770, 33.5272



18.9141, 9.4007, 27.2700



8.8900, 7.9093, 6.7471



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.



14.1592, 7.8389, 1.1823



25.1062, 13.2462, 1.2335



18.0489, 15.6183, 2.4789



6.6759, 6.7319, 6.9332



11.4255, 6.0866, 0.5726



0.2160, 0.1322, 0.0141

Inverse Universe

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



16.1536, 22.4372, 34.9318



28.6157, 39.7929, 63.2993



8.5754, 7.2808, 32.4057



6.7739, 7.4135, 8.4806



13.0219, 18.1353, 28.7214



0.2455, 0.3496, 0.5178

Previews

White Background



This preview shows how the XYZ color 14.1590, 7.8384, 1.1822 looks on a white background.

Color Contrast Check

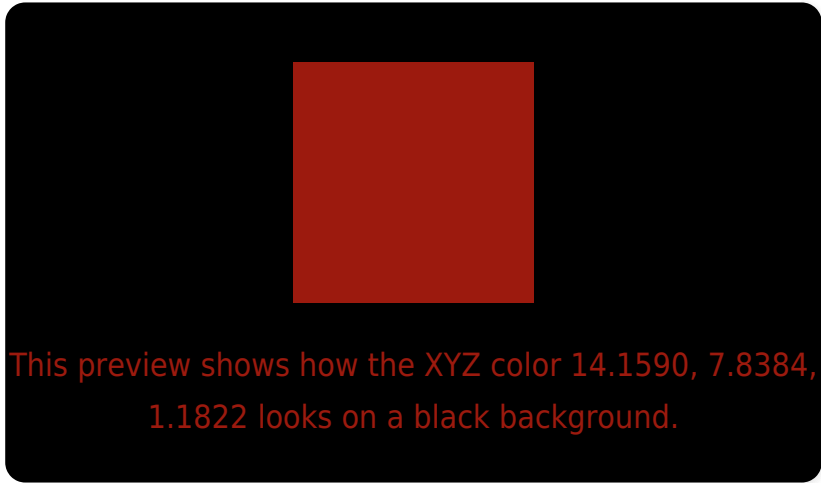
Large Text (above 18pt) WCAG AA ✓ Pass

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

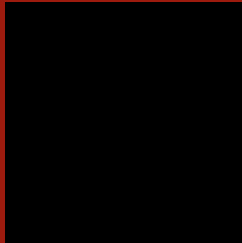
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1590, 7.8384, 1.1822

Background



This preview shows how black text looks on a background with the XYZ color 14.1590, 7.8384, 1.1822.



This preview shows how white text looks on a background with the XYZ color 14.1590, 7.8384,

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

14.1590, 7.8384, 1.1822

Protanopia

7.4433, 8.1836, 2.1646

Deuteranopia

8.1334, 8.1325, 1.1411



Tritanopia

14.2228, 7.8291, 1.6257

Trichromacy



Original Color

14.1590, 7.8384, 1.1822

Protanomaly

8.8838, 7.0403, 1.6497

Deuteranomaly

9.5665, 7.1746, 1.0242

Tritanomaly

14.1842, 7.8137, 1.4224

Monochromacy



Original Color

14.1590, 7.8384, 1.1822

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

6.5635, 5.0198, 3.2078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1590, 7.8384, 1.1822 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(156, 26, 14)` looks like.

```
.text, #text, p{  
    color:rgb(156, 26, 14)  
}
```

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(156, 26, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 26, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.1590, 7.8384, 1.1822 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(156, 26, 14) }
```


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

```
.border{ border-color:rgb(156, 26, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 26, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 26, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 26, 14);  
box-shadow:4px 4px 4px 4px rgb(156, 26,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1590, 7.8384, 1.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 26, 14) }
```

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

```
.background{ background-color: rgb(156, 26,  
14) }
```

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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