

Converting Colors

XYZ(13.9938, 7.9445, 1.6492)

Have a look what the booklet for
XYZ(13.9938, 7.9445, 1.6492)
contains.

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Color

**XYZ(14.0078, 7.9690,
1.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	9A2018
RGB	154, 32, 24
RGB Percent	60%, 13%, 9%
CMY	0.3961, 0.8745, 0.9059
CMYK	0.00, 0.79, 0.84, 0.40
HSL	4°, 73%, 35%
HSV	4°, 84%, 60%
XYZ	14.0078, 7.9690, 1.6640
YIQ	67.5660, 75.2800, 23.3760

Conversions

Conversions Part 2

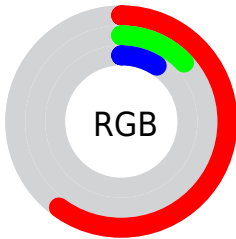
Format	Color
R_{YB}	154, 33, 24
Decimal	10100760
CIE _{Lab}	33.92, 48.94, 36.43
CIE _{LCh}	34, 61.015, 36.665
Yxy	7.9690, 0.5925, 0.3371
Android (android.graphics.Color)	4288290840 (0xFF9A2018)
YUV	67.5660, -21.4780, 75.8026
Hunter-Lab	28.2294, 39.1725, 16.2657

Details

The XYZ color **14.0078, 7.9690, 1.6640** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16.4866, 23.0817, 34.1579**, and the grayscale version is **5.4504, 5.7343, 6.2446**.

A 20% lighter version of the original color is **32.5882, 21.8562, 8.1313**, and **4.6161, 2.3797, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **13.5827, 7.3073, 0.9415**, and if you desaturate by 10%, it is **14.6943, 9.0093, 2.9189**.

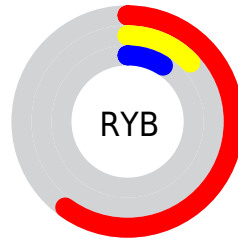
Distribution



Red (60%)

Green (13%)

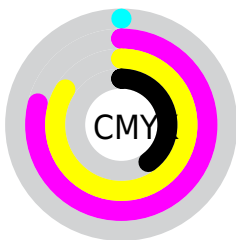
Blue (9%)



Red (60%)

Yellow (13%)

Blue (9%)

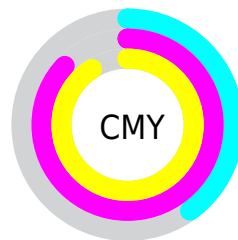


Cyan (0%)

Magenta (79%)

Yellow (84%)

Black (40%)



Cyan (40%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0078, 7.9690, 1.6640 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 14.0078, 7.9690, 1.6640 by changing the saturation by 10% instead.


 14.0078, 7.9690,
1.6640

 14.0078, 7.9690,
1.6640


210.7890,
175.4887, 116.9197


 8.2078, 4.0751,
0.3359


 32.6890, 21.8976,
8.1000


 4.2811, 1.7157,
0.0000

 46.3010, 32.7012,
14.1716


 1.8624, 0.4338,
0.0000

 63.2476, 46.5768,
22.7037

 0.5548, 0.0000,
0.0000


 83.8944, 63.9088,
34.1147

 0.0000, 0.0000,
0.0000


 108.6065, 85.0815,
48.8233


 137.7494,


110.4795, 67.2480


 171.6885,
140.4871, 89.8072


 14.0078, 7.9690,
1.6640


 14.0078, 7.9690,
1.6640


 13.5827, 7.3073,
0.9415


 14.6943, 9.0093,
2.9189

 13.4293, 7.0760,
0.6580

 15.6752, 10.4720,
4.7845

 16.9789, 12.3963,
7.3253

 18.6305, 14.8165,
10.5977

 20.6523, 17.7637,
14.6521

■ 23.0651, 21.2665,
19.5343

■ 25.8880, 25.3514,
25.2868

■ 29.1386, 30.0432,
31.9491

■ 32.8339, 35.3652,
39.5581

Harmonies

Analogous

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



15.9462, 7.9690, 6.7065



14.0078, 7.9690, 1.6640



10.4241, 7.9690, 0.1717

Triad

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



14.0078, 7.9690, 1.6640



3.0646, 7.9690, 3.2277



8.3470, 7.9690, 42.9418

Complementary

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



14.0078, 7.9690, 1.6640



16.4866, 23.0817, 34.1579

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.



5.2979, 7.9690, 39.0446



14.0078, 7.9690, 1.6640



2.8076, 7.9690, 10.9998

Square

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



14.0078, 7.9690, 1.6640



4.3414, 7.9690, 0.6668



3.4922, 7.9690, 25.0194



12.1103, 7.9690, 33.4929

Rectangle

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



14.0078, 7.9690, 1.6640



7.9554, 7.9690, 0.0000



3.4922, 7.9690, 25.0194



7.2056, 7.9690, 43.2137

Sweetspot

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



14.0080, 7.9695, 1.6641



41.3887, 37.8914, 34.4478



18.9587, 9.6455, 28.6722



9.0310, 8.0876, 7.1138



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.



14.0080, 7.9695, 1.6641



24.3451, 12.7530, 1.1785



17.6286, 15.2107, 2.8710



6.2378, 6.2808, 6.4894



10.9512, 5.7848, 0.5394



0.1708, 0.1007, 0.0104

Inverse Universe

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



16.4866, 23.0817, 34.1579



28.8013, 40.6495, 61.8644



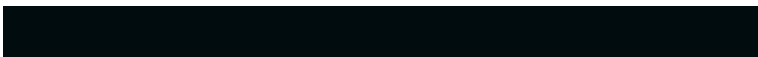
9.2645, 8.6375, 31.7505



6.3520, 6.9613, 7.9379



12.9503, 18.2973, 27.7569



0.2021, 0.2905, 0.4178

Previews

White Background



This preview shows how the XYZ color 14.0078, 7.9690, 1.6640 looks on a white background.

Color Contrast Check

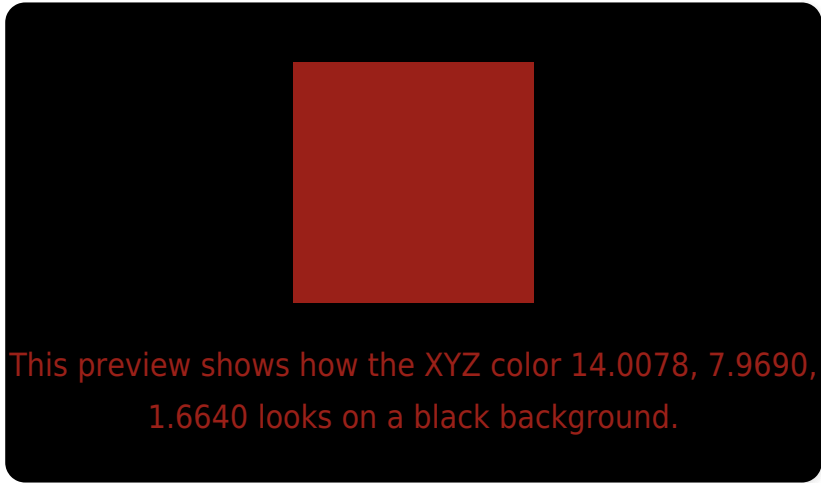
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0078, 7.9690, 1.6640

Background



This preview shows how black text looks on a background with the XYZ color 14.0078, 7.9690, 1.6640.



This preview shows how white text looks on a background with the XYZ color 14.0078, 7.9690,

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

14.0078, 7.9690, 1.6640

Protanopia

7.4773, 8.1859, 2.8550

Deuteranopia

8.2693, 8.2001, 1.2618



Tritanopia

14.0637, 7.9489, 2.0894

Trichromacy



Original Color

14.0078, 7.9690, 1.6640

Protanomaly

8.8483, 7.1700, 2.2841

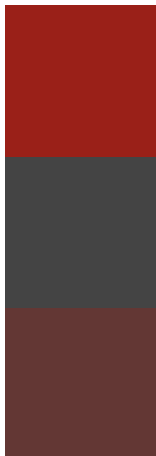
Deuteranomaly

9.7552, 7.4992, 1.2499

Tritanomaly

14.0260, 7.9338, 1.8907

Monochromacy



Original Color

14.0078, 7.9690, 1.6640

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

7.1316, 5.6330, 3.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0078, 7.9690, 1.6640 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, 32, 24)` looks like.

```
.text, #text, p{  
    color:rgb(154, 32, 24)  
}
```

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, 32, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 32, 24) }
```

Border

The CSS property to change the border of an element to XYZ 14.0078, 7.9690, 1.6640 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, 32, 24) }
```


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

```
.border{ border-color:rgb(154, 32, 24) }
```

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

Here you see how a box with a 4 pixel rgb(154, 32, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 32, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 32, 24);  
box-shadow:4px 4px 4px 4px rgb(154, 32,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0078, 7.9690, 1.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 32, 24) }
```

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

```
.background{ background-color: rgb(154, 32,  
24) }
```

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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