

Converting Colors

XYZ(14.6951, 8.2908, 2.1525)

Have a look what the booklet for
XYZ(14.6951, 8.2908, 2.1525)
contains.

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Color

**XYZ(14.6419, 8.2470,
2.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	9D1F1F
RGB	157, 31, 31
RGB Percent	62%, 12%, 12%
CMY	0.3843, 0.8784, 0.8784
CMYK	0.00, 0.80, 0.80, 0.38
HSL	0°, 67%, 37%
HSV	0°, 80%, 62%
XYZ	14.6419, 8.2470, 2.1164
YIQ	68.6740, 75.0960, 26.7120

Conversions

Conversions Part 2

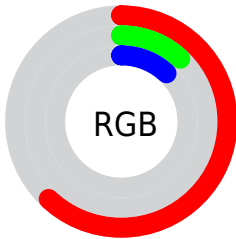
Format	Color
R_{YB}	157, 31, 31
Decimal	10297119
CIE Lab	34.49, 50.40, 33.28
CIE LCh	34, 60.393, 33.440
Yxy	8.2470, 0.5856, 0.3298
Android (android.graphics.Color)	4288487199 (0xFF9D1F1F)
YUV	68.6740, -18.5733, 77.4619
Hunter-Lab	28.7176, 40.7539, 15.7328

Details

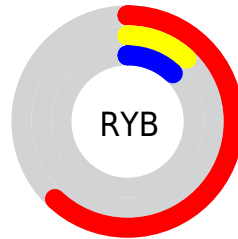
The XYZ color **14.6419, 8.2470, 2.1164** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.7058, 26.8355, 36.0918**, and the grayscale version is **5.6249, 5.9179, 6.4445**.

A 20% lighter version of the original color is **33.7077, 22.4067, 9.3858**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.1681, 7.5539, 1.1745**, and if you desaturate by 10%, it is **15.4165, 9.3807, 3.6558**.

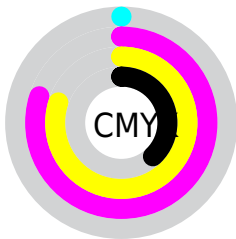
Distribution



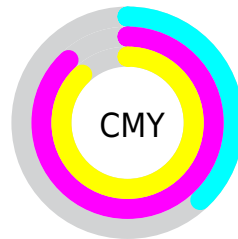
- Red (62%)
- Green (12%)
- Blue (12%)



- Red (62%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (38%)




- Cyan (38%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6419, 8.2470, 2.1164 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 14.6419, 8.2470, 2.1164 by changing the saturation by 10% instead.


 14.6419, 8.2470,
2.1164

 14.6419, 8.2470,
2.1164


214.6200,
177.6567, 124.1588


 8.6531, 4.2534,
0.6255


 33.8006, 22.4413,
9.3567


 4.5709, 1.8163,
0.0000

 47.7012, 33.4107,
15.9812


 2.0299, 0.4973,
0.0000

 64.9698, 47.4742,
25.1668

 0.6507, 0.0000,
0.0000

 85.9717, 65.0162,
37.3319


 0.0000, 0.0000,
0.0000

 111.0723, 86.4211,
52.8952


 140.6370,


112.0732, 72.2750


 175.0311,
142.3569, 95.8901


 14.6419, 8.2470,
2.1164


 14.6419, 8.2470,
2.1164


 14.1681, 7.5539,
1.1745


 15.4165, 9.3807,
3.6558

 13.9046, 7.1683,
0.6508

 16.5299, 11.0100,
5.8691

 18.0152, 13.1835,
8.8216

 19.9013, 15.9434,
12.5711

 22.2143, 19.3280,
17.1692

■ 24.9782, 23.3723,
22.6637

■ 28.2150, 28.1086,
29.0985

■ 31.9454, 33.5673,
36.5146

■ 36.1889, 39.7767,
44.9509

Harmonies

Analogous

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



16.3230, 8.2470, 7.9041



14.6419, 8.2470, 2.1164



11.1332, 8.2470, 0.3810

Triad

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



14.6419, 8.2470, 2.1164



3.3306, 8.2470, 2.9475



8.2367, 8.2470, 43.5340

Complementary

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



14.6419, 8.2470, 2.1164



18.7058, 26.8355, 36.0918

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.



5.2679, 8.2470, 38.2140



14.6419, 8.2470, 2.1164



2.9625, 8.2470, 10.1484

Square

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



14.6419, 8.2470, 2.1164



4.7644, 8.2470, 0.6344



3.5569, 8.2470, 23.7170



12.0124, 8.2470, 35.3438

Rectangle

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



14.6419, 8.2470, 2.1164



8.6078, 8.2470, 0.0000



3.5569, 8.2470, 23.7170



7.1165, 8.2470, 43.2805

Sweetspot

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



14.6421, 8.2475, 2.1165



42.5503, 38.6627, 36.2480



20.4802, 10.5823, 32.8611



9.0077, 7.9877, 7.2700



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.



14.6421, 8.2475, 2.1165



25.0353, 13.0328, 1.4304



18.1545, 15.2723, 3.2873



6.6331, 6.6462, 6.9189



11.2932, 5.8221, 0.5286



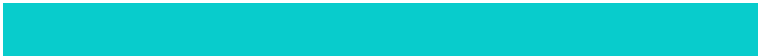
0.2019, 0.1041, 0.0095

Inverse Universe

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



18.7058, 26.8355, 36.0918



32.5900, 47.5898, 64.5948



10.6535, 10.7309, 33.4077



6.8218, 7.5094, 8.4966



14.7333, 21.5582, 29.2919



0.2635, 0.3855, 0.5238

Previews

White Background



This preview shows how the XYZ color 14.6419, 8.2470, 2.1164 looks on a white background.

Color Contrast Check

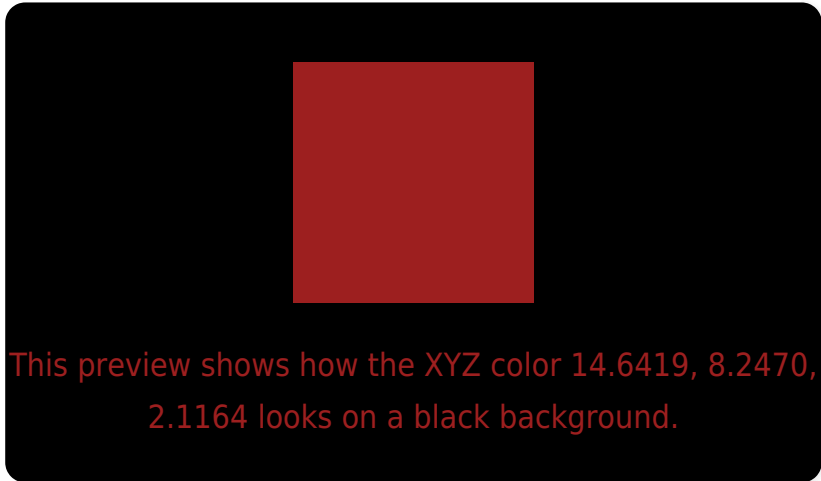
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6419, 8.2470, 2.1164

Background



This preview shows how black text looks on a background with the XYZ color 14.6419, 8.2470, 2.1164.



This preview shows how white text looks on a background with the XYZ color 14.6419, 8.2470,

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

14.6419, 8.2470, 2.1164

Protanopia

7.8813, 8.6001, 3.7272

Deuteranopia

8.5596, 8.4423, 1.8402



Tritanopia

14.6419, 8.2470, 2.1164

Trichromacy



Original Color

14.6419, 8.2470, 2.1164

Protanomaly

9.2866, 7.4648, 2.9589

Deuteranomaly

10.0020, 7.6144, 1.8067

Tritanomaly

14.6419, 8.2470, 2.1164

Monochromacy



Original Color

14.6419, 8.2470, 2.1164

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

7.4226, 5.7749, 4.3379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6419, 8.2470, 2.1164 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(157, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(157, 31, 31)  
}
```

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(157, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 31, 31) }
```

Border

The CSS property to change the border of an element to XYZ 14.6419, 8.2470, 2.1164 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(157, 31, 31) }
```


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

```
.border{ border-color:rgb(157, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(157, 31,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6419, 8.2470, 2.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 31, 31) }
```

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

```
.background{ background-color: rgb(157, 31,  
31) }
```

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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