

Converting Colors

XYZ(14.6614, 8.2279, 3.6700)

Have a look what the booklet for
XYZ(14.6614, 8.2279, 3.6700)
contains.

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Color

**XYZ(14.7547, 8.2696,
3.7243)**

Conversions

Conversions Part 1

Format	Color
Hex	9C1F31
RGB	156, 31, 49
RGB Percent	61%, 12%, 19%
CMY	0.3882, 0.8784, 0.8078
CMYK	0.00, 0.80, 0.69, 0.39
HSL	351°, 67%, 37%
HSV	351°, 80%, 61%
XYZ	14.7547, 8.2696, 3.7243
YIQ	70.4270, 68.7220, 32.0980

Conversions

Conversions Part 2

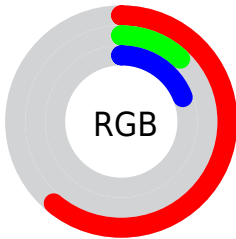
Format	Color
R_{YB}	156, 31, 49
Decimal	10231601
CIE _{Lab}	34.54, 50.88, 22.21
CIE _{LCh}	35, 55.521, 23.583
Yxy	8.2696, 0.5516, 0.3092
Android (android.graphics.Color)	4288421681 (0xFF9C1F31)
YUV	70.4270, -10.5635, 75.0475
Hunter-Lab	28.7569, 41.2608, 12.4512

Details

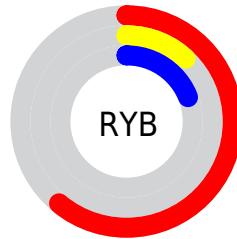
The XYZ color **14.7547, 8.2696, 3.7243** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **17.0418, 25.9036, 28.1495**, and the grayscale version is **5.9024, 6.2098, 6.7625**.

A 20% lighter version of the original color is **33.8742, 22.4046, 13.3656**, and **4.9462, 2.5480, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **14.2000, 7.5464, 2.3491**, and if you desaturate by 10%, it is **15.5905, 9.4215, 5.6055**.

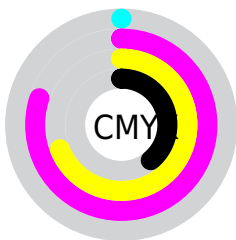
Distribution



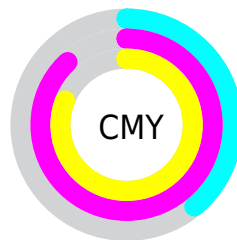
- Red (61%)
- Green (12%)
- Blue (19%)



- Red (61%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (69%)
- Black (39%)



- Cyan (39%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7547, 8.2696, 3.7243 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 14.7547, 8.2696, 3.7243 by changing the saturation by 10% instead.


 14.7547, 8.2696,
3.7243


 14.7547, 8.2696,
3.7243


215.2946,
177.8316, 145.1098

 8.7326, 4.2679,
1.4753


 33.9975, 22.4853,
13.3688


 4.6229, 1.8245,
0.1995

 47.9489, 33.4681,
21.6013

 2.0602, 0.5024,
0.0000

 65.2741, 47.5468,
32.6655

 0.6674, 0.0000,
0.0000

 86.3384, 65.1057,
46.9799

 0.0000, 0.0000,
0.0000

 111.5073, 86.5292,
64.9630

 141.1460,

112.2018, 87.0333

175.6200,
142.5078, 113.6094

■ 14.7547, 8.2696,
3.7243

■ 14.7547, 8.2696,
3.7243

■ 14.2000, 7.5464,
2.3491

■ 15.5905, 9.4215,
5.6055

■ 13.8595, 7.1276,
1.4276

■ 16.7387, 11.0537,
8.0360

■ 18.2270, 13.2119,
11.0548

■ 20.0797, 15.9362,
14.6971

■ 22.3190, 19.2627,
18.9955

■ 24.9654, 23.2246,
23.9803

■ 28.0376, 27.8526,
29.6796

■ 31.5536, 33.1754,
36.1203

■ 35.5299, 39.2201,
43.3276

Harmonies

Analogous

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



15.4726, 8.2696, 11.0680



14.7547, 8.2696, 3.7243



11.9949, 8.2696, 1.0416

Triad

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



14.7547, 8.2696, 3.7243



3.9478, 8.2696, 2.1640



7.2073, 8.2696, 39.2242

Complementary

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



14.7547, 8.2696, 3.7243



17.0418, 25.9036, 28.1495

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.



4.8048, 8.2696, 31.1709



14.7547, 8.2696, 3.7243



3.2727, 8.2696, 7.2143

Square

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



14.7547, 8.2696, 3.7243



5.6924, 8.2696, 0.6058



3.5385, 8.2696, 17.7950



10.5180, 8.2696, 35.7832

Rectangle

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



14.7547, 8.2696, 3.7243



9.6838, 8.2696, 0.4399



3.5385, 8.2696, 17.7950



6.2809, 8.2696, 37.6614

Sweetspot

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



14.7549, 8.2701, 3.7244



43.1592, 38.9051, 39.4580



16.8487, 8.7203, 32.2476



9.1523, 8.0453, 8.0322



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.



14.7549, 8.2701, 3.7244



25.3142, 13.1440, 2.9001



16.4573, 12.1660, 2.7778



6.6700, 6.6609, 7.1135



11.4244, 5.8743, 1.2198



0.2140, 0.1089, 0.0730

Inverse Universe

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



14.7549, 8.2701, 3.7244



25.3142, 13.1440, 2.9001



12.3882, 14.3360, 33.5666



6.6700, 6.6609, 7.1135



11.4244, 5.8743, 1.2198



0.2140, 0.1089, 0.0730

Previews

White Background



This preview shows how the XYZ color 14.7547, 8.2696, 3.7243 looks on a white background.

Color Contrast Check

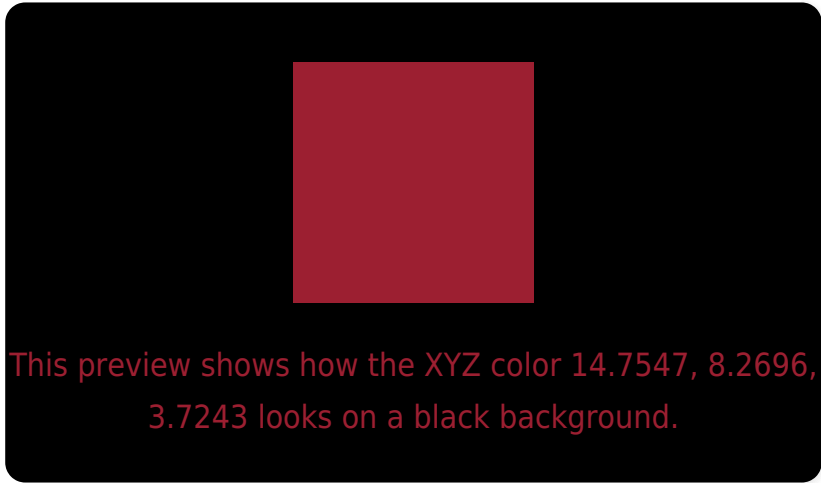
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7547, 8.2696, 3.7243

Background



This preview shows how black text looks on a background with the XYZ color 14.7547, 8.2696, 3.7243.



This preview shows how white text looks on a background with the XYZ color 14.7547, 8.2696, 3.7243.

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

14.7547, 8.2696, 3.7243

Protanopia

8.0671, 8.6301, 6.7094

Deuteranopia

8.6934, 8.5839, 3.3892



Tritanopia

14.5711, 8.3275, 2.3528

Trichromacy



Original Color

14.7547, 8.2696, 3.7243

Protanomaly

9.3578, 7.4485, 5.3594

Deuteranomaly

10.2223, 7.7723, 3.4440

Tritanomaly

14.6204, 8.3021, 2.7513

Monochromacy



Original Color

14.7547, 8.2696, 3.7243

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

7.6505, 5.9428, 5.3013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7547, 8.2696, 3.7243 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, 31, 49)` looks like.

```
.text, #text, p{  
    color:rgb(156, 31, 49)  
}
```

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, 31, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 31, 49) }
```

Border

The CSS property to change the border of an element to XYZ 14.7547, 8.2696, 3.7243 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, 31, 49) }
```


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

```
.border{ border-color:rgb(156, 31, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 31, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 31, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 31, 49);  
box-shadow:4px 4px 4px 4px rgb(156, 31,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7547, 8.2696, 3.7243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 31, 49) }
```

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

```
.background{ background-color: rgb(156, 31,  
49) }
```

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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