

Converting Colors

XYZ(17.3713, 9.6033, 0.9381)

Have a look what the booklet for
XYZ(17.3713, 9.6033, 0.9381)
contains.

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Color

**XYZ(17.4526, 9.6494,
0.9427)**

Conversions

Conversions Part 1

Format	Color
Hex	AC1D00
RGB	172, 29, 0
RGB Percent	67%, 11%, 0%
CMY	0.3255, 0.8862, 1.0000
CMYK	0.00, 0.83, 1.00, 0.33
HSL	10°, 100%, 34%
HSV	10°, 100%, 67%
XYZ	17.4526, 9.6494, 0.9427
YIQ	68.4510, 94.5370, 21.2970

Conversions

Conversions Part 2

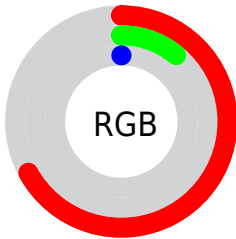
Format	Color
RYB	172, 35, 0
Decimal	11279616
CIELab	37.21, 54.86, 50.66
CIElCh	37, 74.673, 42.725
Yxy	9.6494, 0.6223, 0.3441
Android (android.graphics.Color)	4289469696 (0xFFAC1D00)
YUV	68.4510, -33.7463, 90.8125
Hunter-Lab	31.0635, 45.9267, 19.9451

Details

The XYZ color **17.4526, 9.6494, 0.9427** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.2668, 22.6195, 42.4852**, and the grayscale version is **5.6106, 5.9028, 6.4282**.

A 20% lighter version of the original color is **38.7402, 25.2079, 5.8414**, and **6.4304, 3.3150, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **17.4527, 9.6499, 0.9428**, and if you desaturate by 10%, it is **17.9911, 10.5623, 1.6291**.

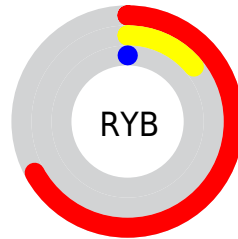
Distribution



Red (67%)

Green (11%)

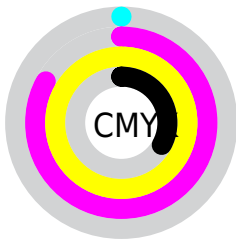
Blue (0%)



Red (67%)

Yellow (14%)

Blue (0%)

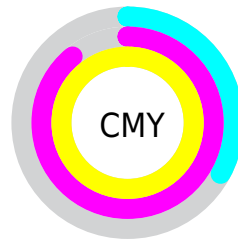


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (33%)



Cyan (33%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4526, 9.6494, 0.9427 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 17.4526, 9.6494, 0.9427 by changing the saturation by 10% instead.

 17.4526, 9.6494,
0.9427


 17.4526, 9.6494,
0.9427


 230.8730,
188.1511, 102.8606


 10.6550, 5.1671,
0.0000


 38.6398, 25.1339,
5.8698


 5.9009, 2.3457,
0.0000

 53.7601, 36.9050,
10.8751


 2.8250, 0.7977,
0.0000

 72.3853, 51.8744,
18.1330

 1.0619, 0.0000,
0.0000

 94.8808, 70.4266,
28.0620


 0.0000, 0.0000,
0.0000


 121.6120, 92.9460,
41.0808


 152.9442,


119.8170, 57.6078


 189.2427,
151.4239, 78.0615


 17.4526, 9.6494,
0.9427


 17.4526, 9.6494,
0.9427


 17.4527, 9.6499,
0.9428

 17.9911, 10.5623,
1.6291

 18.8012, 11.8755,
2.8452

 19.9356, 13.6381,
4.7837

 21.4256, 15.8868,
7.5352

 23.2989, 18.6545,
11.1772

■ 25.5801, 21.9712,
15.7778

■ 28.2918, 25.8646,
21.3986

■ 31.4549, 30.3604,
28.0960

■ 35.0889, 35.4827,
35.9224

Harmonies

Analogous

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



20.9797, 9.6494, 5.8078



17.4526, 9.6494, 0.9427



12.0974, 9.6494, 0.0000

Triad

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



17.4526, 9.6494, 0.9427



3.0009, 9.6494, 4.5807



11.2897, 9.6494, 60.6659

Complementary

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



17.4526, 9.6494, 0.9427



17.2668, 22.6195, 42.4852

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.



6.7600, 9.6494, 58.9847



17.4526, 9.6494, 0.9427



2.9143, 9.6494, 17.2320

Square

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



17.4526, 9.6494, 0.9427



4.3370, 9.6494, 0.6496



4.0388, 9.6494, 39.2989



16.6916, 9.6494, 42.8731

Rectangle

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



17.4526, 9.6494, 0.9427



8.7521, 9.6494, 0.0000



4.0388, 9.6494, 39.2989



9.6040, 9.6494, 62.6214

Sweetspot

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



17.4528, 9.6500, 0.9428



51.0404, 46.5147, 38.2222



21.9963, 10.7639, 27.0374



10.6398, 9.4607, 7.3634



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.4528, 9.6500, 0.9428



31.5530, 17.2880, 1.6739



23.1059, 20.9562, 2.8272



8.1104, 8.2256, 8.3736



13.0164, 7.2383, 0.7111



0.3942, 0.2656, 0.0305

Inverse Universe

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



17.2668, 22.6195, 42.4852



31.1835, 40.7529, 77.0283



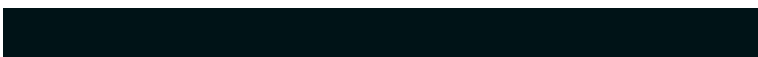
8.9261, 5.9380, 39.7050



8.1196, 8.8387, 10.2308



12.8841, 16.9021, 31.6279



0.3884, 0.5301, 0.8898

Previews

White Background



This preview shows how the XYZ color 17.4526, 9.6494, 0.9427 looks on a white background.

Color Contrast Check

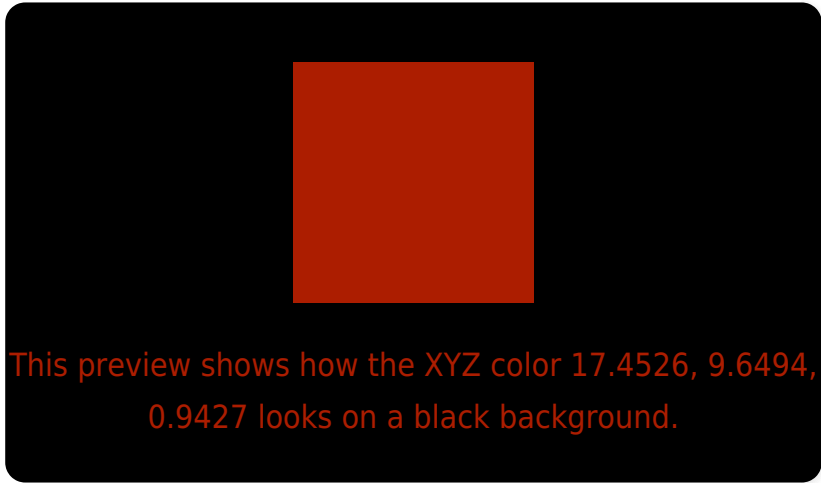
Large Text (above 18pt) WCAG AA ✓ Pass

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

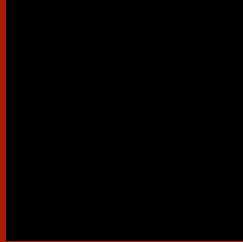
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4526, 9.6494, 0.9427

Background



This preview shows how black text looks on a background with the XYZ color 17.4526, 9.6494, 0.9427.



This preview shows how white text looks on a background with the XYZ color 17.4526, 9.6494,

0.9427.

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

17.4526, 9.6494, 0.9427

Protanopia

8.9633, 9.9082, 2.1495

Deuteranopia

9.9306, 9.9417, 1.3955



Tritanopia

17.5916, 9.6291, 1.9087

Trichromacy



Original Color

17.4526, 9.6494, 0.9427

Protanomaly

10.6840, 8.4790, 1.4543

Deuteranomaly

11.7218, 8.8489, 1.0902

Tritanomaly

17.5297, 9.6416, 1.4674

Monochromacy



Original Color

17.4526, 9.6494, 0.9427

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

7.6991, 5.8769, 3.0141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4526, 9.6494, 0.9427 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(172, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 29, 0)  
}
```

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(172, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 29, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.4526, 9.6494, 0.9427 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(172, 29, 0) }
```


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

```
.border{ border-color:rgb(172, 29, 0) }
```

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

Here you see how a box with a 4 pixel rgb(172, 29, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 29, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 29, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 29, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.4526, 9.6494, 0.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 29, 0) }
```

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

```
.background{ background-color: rgb(172, 29,  
0) }
```

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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