

Converting Colors

XYZ(14.6960, 9.0589, 1.0996)

Have a look what the booklet for
XYZ(14.6960, 9.0589, 1.0996)
contains.

XYZ(14.7487, 9.1097, 1.0959)	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(14.7487, 9.1097,
1.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2F04
RGB	156, 47, 4
RGB Percent	61%, 18%, 2%
CMY	0.3882, 0.8157, 0.9843
CMYK	0.00, 0.70, 0.97, 0.39
HSL	17°, 95%, 31%
HSV	17°, 97%, 61%
XYZ	14.7487, 9.1097, 1.0959
YIQ	74.6890, 78.7670, 9.7350

Conversions

Conversions Part 2

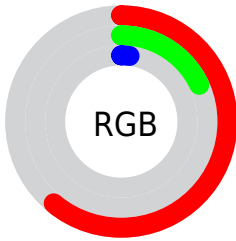
Format	Color
R_{YB}	156, 64, 4
Decimal	10235652
CIE _{Lab}	36.19, 43.71, 46.81
CIE _{LCh}	36, 64.042, 46.963
Yxy	9.1097, 0.5910, 0.3651
Android (android.graphics.Color)	4288425732 (0xFF9C2F04)
YUV	74.6890, -34.8497, 71.3097
Hunter-Lab	30.1823, 34.4058, 18.9748

Details

The XYZ color **14.7487, 9.1097, 1.0959** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.9553, 14.2351, 33.5697**, and the grayscale version is **6.6831, 7.0312, 7.6569**.

A 20% lighter version of the original color is **34.0411, 24.0954, 6.3467**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.6160, 8.8795, 0.9436**, and if you desaturate by 10%, it is **15.3557, 10.1626, 1.7957**.

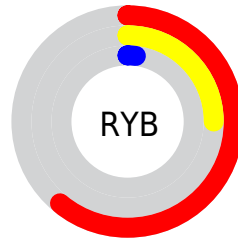
Distribution



Red (61%)

Green (18%)

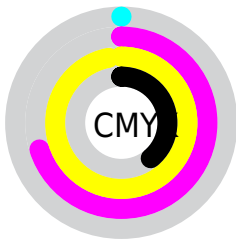
Blue (2%)



Red (61%)

Yellow (25%)

Blue (2%)

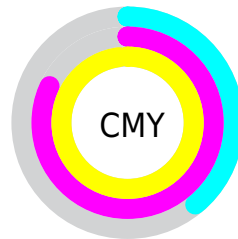


Cyan (0%)

Magenta (70%)

Yellow (97%)

Black (39%)



Cyan (39%)


Magenta (82%)

Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7487, 9.1097, 1.0959 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 14.7487, 9.1097, 1.0959 by changing the saturation by 10% instead.


 14.7487, 9.1097,
1.0959

 14.7487, 9.1097,
1.0959


 215.2588,
184.1941, 106.2170


 8.7284, 4.8128,
0.0000


 33.9870, 24.1069,
6.3758


 4.6201, 2.1379,
0.0000

 47.9357, 35.5760,
11.6346


 2.0586, 0.6858,
0.0000

 65.2579, 50.2046,
19.1971

 0.6666, 0.0000,
0.0000

 86.3189, 68.3771,
29.4821

 0.0000, 0.0000,
0.0000

 111.4842, 90.4779,
42.9081


 141.1190,


116.8914, 59.8935


 175.5887,
148.0020, 80.8570


 14.7487, 9.1097,
1.0959


 14.7487, 9.1097,
1.0959


 14.6160, 8.8795,
0.9436

 15.3557, 10.1626,
1.7957

 16.1681, 11.4935,
2.9722

 17.2136, 13.1257,
4.7354

 18.5111, 15.0774,
7.1512

 20.0774, 17.3653,
10.2767

■ 21.9274, 20.0049,
14.1627

■ 24.0752, 23.0107,
18.8551

■ 26.5338, 26.3962,
24.3964

■ 29.3153, 30.1743,
30.8261

Harmonies

Analogous

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



17.8315, 9.1097, 4.9347



14.7487, 9.1097, 1.0959



10.4359, 9.1097, 0.0009

Triad

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



14.7487, 9.1097, 1.0959



3.2679, 9.1097, 5.8677



10.9999, 9.1097, 47.0899

Complementary

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



14.7487, 9.1097, 1.0959



11.9553, 14.2351, 33.5697

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.



7.0953, 9.1097, 48.1584



14.7487, 9.1097, 1.0959



3.3369, 9.1097, 17.4687

Square

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



14.7487, 9.1097, 1.0959



4.3005, 9.1097, 1.3494



4.5290, 9.1097, 34.8439



15.2654, 9.1097, 32.5269

Rectangle

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



14.7487, 9.1097, 1.0959



7.7927, 9.1097, 0.0000



4.5290, 9.1097, 34.8439



9.5861, 9.1097, 49.2844

Sweetspot

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



14.7489, 9.1102, 1.0960



42.8465, 40.5691, 32.2958



16.8750, 8.4033, 17.0934



9.0839, 8.4459, 6.3522



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.



14.7489, 9.1102, 1.0960



26.4007, 15.8352, 1.6650



20.5129, 20.6382, 3.0174



6.7783, 6.9366, 6.9673



12.0655, 7.3667, 0.7860



0.2489, 0.1981, 0.0251

Inverse Universe

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



11.9553, 14.2351, 33.5697



21.2214, 25.0044, 60.8346



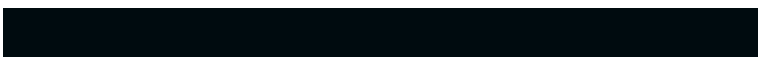
6.7918, 3.9081, 31.8485



6.6631, 7.1920, 8.4437



9.7333, 11.5581, 27.6252



0.2077, 0.2740, 0.5052

Previews

White Background



This preview shows how the XYZ color 14.7487, 9.1097, 1.0959 looks on a white background.

Color Contrast Check

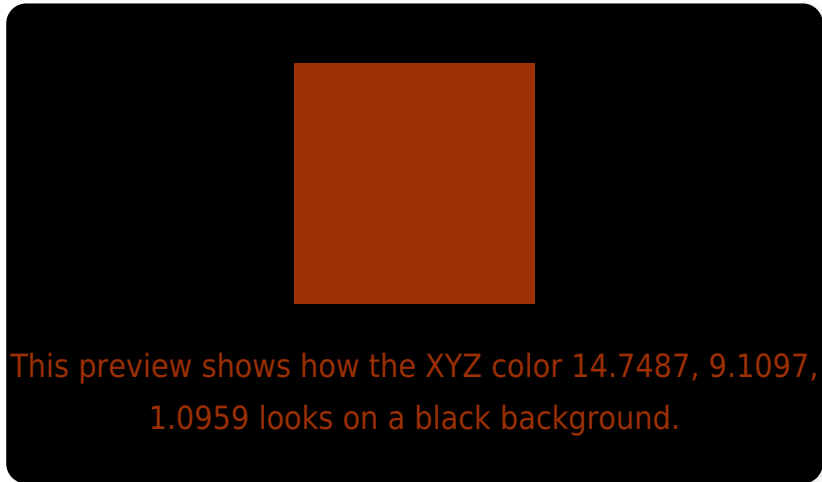
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7487, 9.1097, 1.0959

Background



This preview shows how black text looks on a background with the XYZ color 14.7487, 9.1097, 1.0959.



This preview shows how white text looks on a background with the XYZ color 14.7487, 9.1097,

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

14.7487, 9.1097, 1.0959

Protanopia

8.4471, 9.4014, 1.9417

Deuteranopia

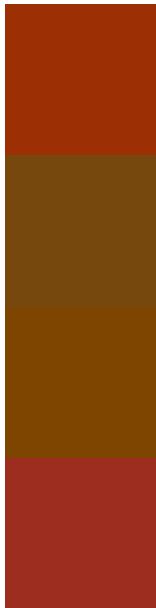
9.3240, 9.2858, 1.3009



Tritanopia

15.2985, 9.1667, 3.5478

Trichromacy



Original Color

14.7487, 9.1097, 1.0959

Protanomaly

9.8612, 8.5153, 1.5047

Deuteranomaly

10.7378, 8.6941, 1.1409

Tritanomaly

15.0903, 9.1438, 2.2659

Monochromacy



Original Color

14.7487, 9.1097, 1.0959

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

8.1536, 6.9454, 3.8166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7487, 9.1097, 1.0959 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, 47, 4)` looks like.

```
.text, #text, p{  
    color:rgb(156, 47, 4)  
}
```

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, 47, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 47, 4) }
```

Border

The CSS property to change the border of an element to XYZ 14.7487, 9.1097, 1.0959 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, 47, 4) }
```


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

```
.border{ border-color:rgb(156, 47, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 47, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 47, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 47, 4);  
box-shadow:4px 4px 4px 4px rgb(156, 47, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7487, 9.1097, 1.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 47, 4) }
```

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

```
.background{ background-color: rgb(156, 47,  
4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor