

Converting Colors

XYZ(15.6193, 9.2046, 1.1046)

Have a look what the booklet for
XYZ(15.6193, 9.2046, 1.1046)
contains.

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Color

**XYZ(15.7206, 9.2782,
1.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	A22905
RGB	162, 41, 5
RGB Percent	64%, 16%, 2%
CMY	0.3647, 0.8392, 0.9804
CMYK	0.00, 0.75, 0.97, 0.36
HSL	14°, 94%, 33%
HSV	14°, 97%, 64%
XYZ	15.7206, 9.2782, 1.1059
YIQ	73.0750, 83.6720, 14.4560

Conversions

Conversions Part 2

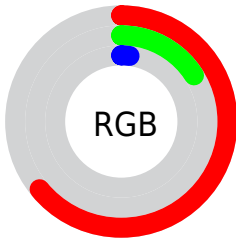
Format	Color
R_{YB}	162, 52, 5
Decimal	10627333
CIE Lab	36.51, 48.11, 47.23
CIE LCh	37, 67.415, 44.474
Yxy	9.2782, 0.6022, 0.3554
Android (android.graphics.Color)	4288817413 (0xFFA22905)
YUV	73.0750, -33.5610, 77.9872
Hunter-Lab	30.4601, 38.8193, 19.1695

Details

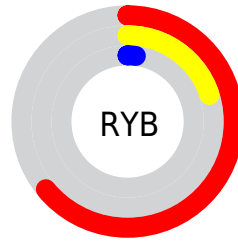
The XYZ color **15.7206, 9.2782, 1.1059** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.0440, 17.5606, 36.8314**, and the grayscale version is **6.3933, 6.7262, 7.3248**.

A 20% lighter version of the original color is **35.5223, 24.3075, 6.4340**, and **5.3668, 2.7667, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **15.5665, 9.0141, 0.9194**, and if you desaturate by 10%, it is **16.3331, 10.3276, 1.8519**.

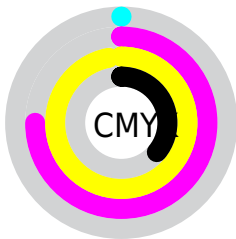
Distribution



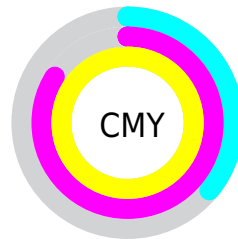
- Red (64%)
- Green (16%)
- Blue (2%)



- Red (64%)
- Yellow (20%)
- Blue (2%)



- Cyan (0%)
- Magenta (75%)
- Yellow (97%)
- Black (36%)




- Cyan (36%)
- Magenta (84%)
- Yellow (98%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.7206, 9.2782, 1.1059 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 15.7206, 9.2782, 1.1059 by changing the saturation by 10% instead.


 15.7206, 9.2782,
1.1059


 15.7206, 9.2782,
1.1059


 220.9903,
185.4399, 106.4275


 9.4163, 4.9231,
0.0000


 35.6738, 24.4287,
6.4082


 5.0729, 2.2022,
0.0000

 50.0535, 35.9929,
11.6828


 2.3253, 0.7212,
0.0000

 67.8555, 50.7289,
19.2644

 0.8076, 0.0000,
0.0000


 89.4454, 69.0211,
29.5717

 0.0000, 0.0000,
0.0000

 115.1885, 91.2539,
43.0231


 145.4501,


117.8117, 60.0372


 180.5956,
149.0789, 81.0325


 15.7206, 9.2782,
1.1059


 15.7206, 9.2782,
1.1059


 15.5665, 9.0141,
0.9194

 16.3331, 10.3276,
1.8519

 17.1873, 11.7113,
3.1381

 18.3140, 13.4586,
5.0737

 19.7359, 15.5941,
7.7313

 21.4732, 18.1398,
11.1740

■ 23.5441, 21.1160,
15.4577

■ 25.9656, 24.5419,
20.6334

■ 28.7532, 28.4352,
26.7479

■ 31.9217, 32.8128,
33.8447

Harmonies

Analogous

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



18.8594, 9.2782, 5.4469



15.7206, 9.2782, 1.1059



11.1004, 9.2782, 0.0000

Triad

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



15.7206, 9.2782, 1.1059



3.1970, 9.2782, 5.1859



10.9382, 9.2782, 51.4893

Complementary

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



15.7206, 9.2782, 1.1059



14.0440, 17.5606, 36.8314

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.



6.8732, 9.2782, 51.1722



15.7206, 9.2782, 1.1059



3.1780, 9.2782, 16.8571

Square

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



15.7206, 9.2782, 1.1059



4.3702, 9.2782, 1.0402



4.3065, 9.2782, 35.5919



15.5706, 9.2782, 36.2748

Rectangle

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



15.7206, 9.2782, 1.1059



8.2182, 9.2782, 0.0000



4.3065, 9.2782, 35.5919



9.4476, 9.2782, 53.4306

Sweetspot

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



15.7208, 9.2788, 1.1060



45.9154, 42.8317, 34.8163



18.8496, 9.3480, 21.2271



9.9083, 9.0483, 6.9551



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.7208, 9.2788, 1.1060



28.1298, 16.1036, 1.6257



21.3492, 20.5356, 2.9822



7.1995, 7.3374, 7.4169



12.2921, 7.1580, 0.7338



0.2911, 0.2160, 0.0264

Inverse Universe

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



14.0440, 17.5606, 36.8314



24.9560, 30.9687, 66.7184



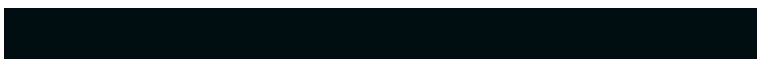
7.7028, 4.8783, 34.7177



7.1377, 7.7345, 9.0198



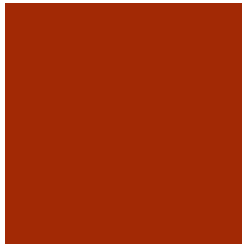
10.9336, 13.6466, 28.9876



0.2617, 0.3507, 0.6198

Previews

White Background



This preview shows how the XYZ color 15.7206, 9.2782, 1.1059 looks on a white background.

Color Contrast Check

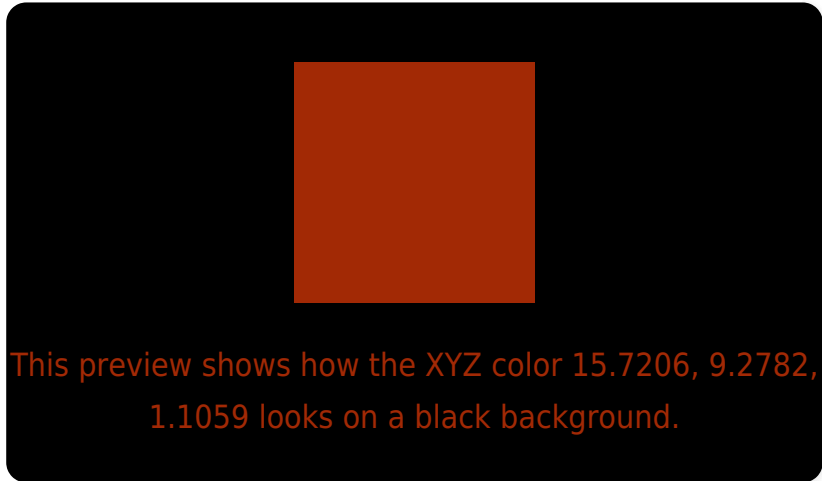
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7206, 9.2782, 1.1059

Background



This preview shows how black text looks on a background with the XYZ color 15.7206, 9.2782, 1.1059.



This preview shows how white text looks on a background with the XYZ color 15.7206, 9.2782,

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

15.7206, 9.2782, 1.1059

Protanopia

8.5627, 9.4601, 1.9908

Deuteranopia

9.5237, 9.5015, 1.3320



Tritanopia

16.1636, 9.3192, 2.8663

Trichromacy



Original Color

15.7206, 9.2782, 1.1059

Protanomaly

10.1546, 8.4770, 1.5165

Deuteranomaly

11.1313, 8.8058, 1.1704

Tritanomaly

16.0276, 9.3167, 1.9905

Monochromacy



Original Color

15.7206, 9.2782, 1.1059

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.0279, 6.5541, 3.6383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7206, 9.2782, 1.1059 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(162, 41, 5)` looks like.

```
.text, #text, p{  
    color:rgb(162, 41, 5)  
}
```

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(162, 41, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 41, 5) }
```

Border

The CSS property to change the border of an element to XYZ 15.7206, 9.2782, 1.1059 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(162, 41, 5) }
```


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

```
.border{ border-color:rgb(162, 41, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 41, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 41, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 41, 5);  
box-shadow:4px 4px 4px 4px rgb(162, 41, 5)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.7206, 9.2782, 1.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 41, 5) }
```

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

```
.background{ background-color: rgb(162, 41,  
5) }
```

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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