

Converting Colors

XYZ(10.8530, 9.4299, 1.2923)

Have a look what the booklet for
XYZ(10.8530, 9.4299, 1.2923)
contains.

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Color

**XYZ(10.9076, 9.4584,
1.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4C02
RGB	124, 76, 2
RGB Percent	49%, 30%, 1%
CMY	0.5137, 0.7019, 0.9921
CMYK	0.00, 0.39, 0.98, 0.51
HSL	36°, 97%, 25%
HSV	36°, 98%, 49%
XYZ	10.9076, 9.4584, 1.3082
YIQ	81.9160, 52.3620, -12.8380

Conversions

Conversions Part 2

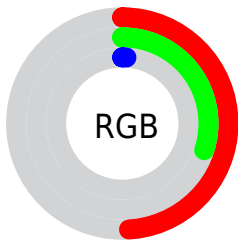
Format	Color
RYB	81, 124, 2
Decimal	8145922
CIELab	36.85, 15.17, 45.32
CIELCh	37, 47.788, 71.496
Yxy	9.4584, 0.5033, 0.4364
Android (android.graphics.Color)	4286336002 (0xFF7C4C02)
YUV	81.9160, -39.3986, 36.9077
Hunter-Lab	30.7545, 9.4876, 19.0061

Details

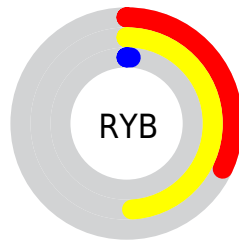
The XYZ color **10.9076, 9.4584, 1.3082** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4.8037, 3.7492, 19.5391**, and the grayscale version is **8.0727, 8.4931, 9.2490**.

A 20% lighter version of the original color is **27.1035, 24.7765, 7.0952**, and **2.9708, 2.2982, 0.2870** is the 20% darker color. If you saturate the color by 10%, you get **10.8429, 9.3466, 1.2326**, and if you desaturate by 10%, it is **11.3278, 10.1853, 1.7989**.

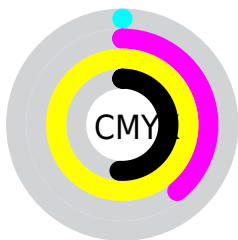
Distribution



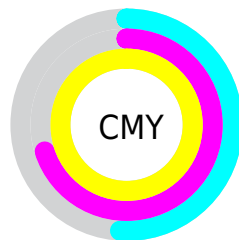
- Red (49%)
- Green (30%)
- Blue (1%)



- Red (32%)
- Yellow (49%)
- Blue (1%)



- Cyan (0%)
- Magenta (39%)
- Yellow (98%)
- Black (51%)




- Cyan (51%)
- Magenta (70%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9076, 9.4584, 1.3082 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 10.9076, 9.4584, 1.3082 by changing the saturation by 10% instead.


 10.9076, 9.4584,
1.3082


 10.9076, 9.4584,
1.3082


 190.9539,
186.7617, 110.4910

 6.0716, 5.0414,
0.0685


 27.1236, 24.7717,
7.0446


 2.9297, 2.2716,
0.0000

 39.2344, 36.4368,
12.6271


 1.1167, 0.7586,
0.0000

 54.5007, 51.2866,
20.5772

 0.0390, 0.0000,
0.0000

 73.2880, 69.7057,
31.3135


 0.0000, 0.0000,
0.0000

 95.9616, 92.0783,
45.2545


 122.8869,


118.7889, 62.8187


 154.4292,
150.2219, 84.4247


 10.9076, 9.4584,
1.3082


 10.9076, 9.4584,
1.3082


 10.8429, 9.3466,
1.2326

 11.3278, 10.1853,
1.7989

 11.8164, 10.9807,
2.5217

 12.3920, 11.8535,
3.5720

 13.0620, 12.8074,
4.9858

 13.8328, 13.8457,
6.7944

■ 14.7102, 14.9716,
9.0257

■ 15.6994, 16.1878,
11.7050

■ 16.8053, 17.4971,
14.8557

■ 18.0324, 18.9021,
18.4994

Harmonies

Analogous

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



13.9280, 9.4584, 2.8614



10.9076, 9.4584, 1.3082



7.9089, 9.4584, 1.1829

Triad

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



10.9076, 9.4584, 1.3082



4.5075, 9.4584, 13.8770



13.2835, 9.4584, 27.8251

Complementary

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



10.9076, 9.4584, 1.3082



4.8037, 3.7492, 19.5391

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.



10.1653, 9.4584, 35.7331



10.9076, 9.4584, 1.3082



5.3834, 9.4584, 25.1960

Square

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



10.9076, 9.4584, 1.3082



4.6214, 9.4584, 5.9648



7.3113, 9.4584, 34.5712



15.4929, 9.4584, 16.3441

Rectangle

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



10.9076, 9.4584, 1.3082



6.3463, 9.4584, 1.7401



7.3113, 9.4584, 34.5712



12.2814, 9.4584, 31.2126

Sweetspot

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



10.9078, 9.4589, 1.3084



27.2044, 27.9744, 19.4282



8.9270, 4.5658, 3.5199



6.2627, 6.4116, 4.1828



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.9078, 9.4589, 1.3084



18.9437, 16.1731, 2.1233



13.8752, 17.8512, 2.7719



4.1816, 4.3817, 4.2498



11.0203, 9.4966, 1.2522



51.7209, 43.6052, 5.6907

Inverse Universe

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



4.8037, 3.7492, 19.5391



8.1909, 6.1384, 34.3097



3.8441, 1.5937, 19.1736



3.9150, 4.1283, 5.0337



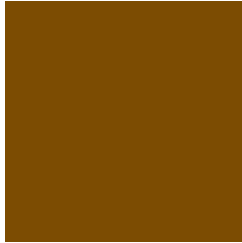
4.8034, 3.6892, 19.8442



22.1341, 16.0409, 94.3994

Previews

White Background



This preview shows how the XYZ color 10.9076, 9.4584, 1.3082 looks on a white background.

Color Contrast Check

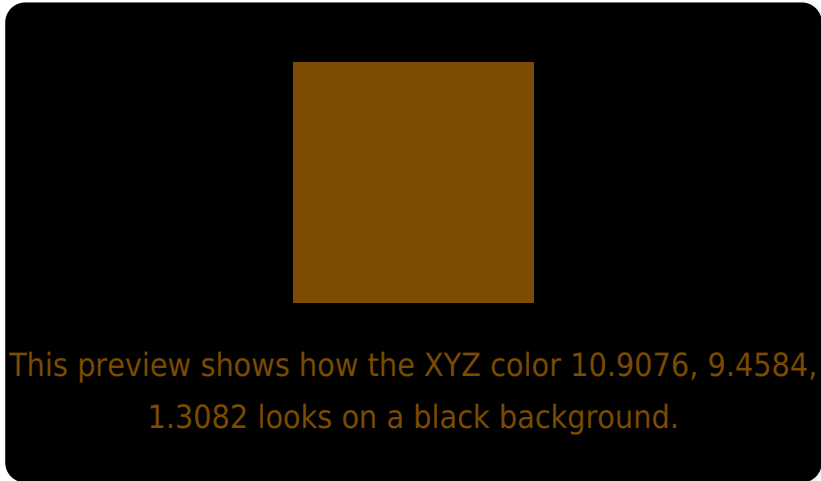
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9076, 9.4584, 1.3082

Background



This preview shows how black text looks on a background with the XYZ color 10.9076, 9.4584, 1.3082.



This preview shows how white text looks on a background with the XYZ color 10.9076, 9.4584,

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

10.9076, 9.4584, 1.3082

Protanopia

8.5760, 9.5958, 1.6586

Deuteranopia

9.5237, 9.5015, 1.3320



Tritanopia

12.3101, 9.5403, 8.0301

Trichromacy



Original Color

10.9076, 9.4584, 1.3082

Protanomaly

9.2666, 9.4796, 1.5136

Deuteranomaly

9.9444, 9.3844, 1.3160

Tritanomaly

11.5411, 9.4225, 4.1162

Monochromacy



Original Color

10.9076, 9.4584, 1.3082

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

8.4410, 8.5358, 4.5708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9076, 9.4584, 1.3082 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(124, 76, 2)` looks like.

```
.text, #text, p{  
    color:rgb(124, 76, 2)  
}
```

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(124, 76, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 76, 2) }
```

Border

The CSS property to change the border of an element to XYZ 10.9076, 9.4584, 1.3082 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(124, 76, 2) }
```


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

```
.border{ border-color:rgb(124, 76, 2) }
```

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

Here you see how a box with a 4 pixel rgb(124, 76, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 76, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 76, 2);  
box-shadow:4px 4px 4px 4px rgb(124, 76, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9076, 9.4584, 1.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 76, 2) }
```

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

```
.background{ background-color: rgb(124, 76,  
2) }
```

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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