

Converting Colors

XYZ(14.0369, 9.6048, 2.3146)

Have a look what the booklet for
XYZ(14.0369, 9.6048, 2.3146)
contains.

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Color

**XYZ(14.0629, 9.6214,
2.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	943C1E
RGB	148, 60, 30
RGB Percent	58%, 24%, 12%
CMY	0.4196, 0.7647, 0.8823
CMYK	0.00, 0.59, 0.80, 0.42
HSL	15°, 66%, 35%
HSV	15°, 80%, 58%
XYZ	14.0629, 9.6214, 2.3442
YIQ	82.8920, 62.0780, 9.3260

Conversions

Conversions Part 2

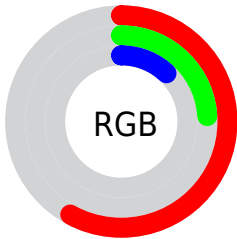
Format	Color
R_{YB}	148, 70, 30
Decimal	9714718
CIE Lab	37.15, 35.34, 36.01
CIE LCh	37, 50.452, 45.535
Yxy	9.6214, 0.5403, 0.3696
Android (android.graphics.Color)	4287904798 (0xFF943C1E)
YUV	82.8920, -26.0758, 57.0997
Hunter-Lab	31.0184, 26.6449, 17.2321

Details

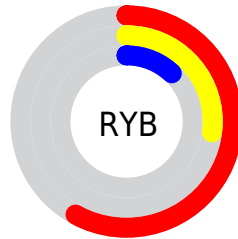
The XYZ color **14.0629, 9.6214, 2.3442** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.3583, 15.3694, 30.3318**, and the grayscale version is **8.2430, 8.6722, 9.4441**.

A 20% lighter version of the original color is **32.6126, 24.9391, 9.9323**, and **4.3904, 2.3761, 0.2272** is the 20% darker color. If you saturate the color by 10%, you get **13.3973, 8.5250, 1.3989**, and if you desaturate by 10%, it is **14.9384, 10.9957, 3.7976**.

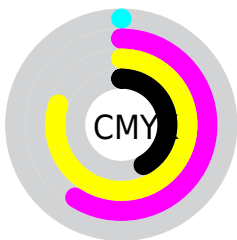
Distribution



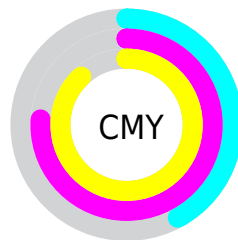
- Red (58%)
- Green (24%)
- Blue (12%)



- Red (58%)
- Yellow (27%)
- Blue (12%)



- Cyan (0%)
- Magenta (59%)
- Yellow (80%)
- Black (42%)





- Cyan (42%)
- Magenta (76%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0629, 9.6214, 2.3442 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 14.0629, 9.6214, 2.3442 by changing the saturation by 10% instead.


 14.0629, 9.6214,
2.3442


 14.0629, 9.6214,
2.3442


211.1246,
187.9482, 127.5114


 8.2464, 5.1487,
0.7558


 32.7859, 25.0809,
9.9621


 4.3062, 2.3348,
0.0000

 46.4232, 36.8365,
16.8434


 1.8768, 0.7920,
0.0000

 63.3981, 51.7885,
26.3309

 0.5633, 0.0000,
0.0000

 84.0760, 70.3212,
38.8432

 0.0000, 0.0000,
0.0000

 108.8222, 92.8192,
54.7989

 138.0021,

119.6667, 74.6164

171.9812,
151.2483, 98.7144

14.0629, 9.6214,
2.3442

14.0629, 9.6214,
2.3442

13.3973, 8.5250,
1.3989

14.9384, 10.9957,
3.7976

12.9058, 7.6787,
0.8134

16.0409, 12.6644,
5.8188

12.8941, 7.6588,
0.7987

17.3867, 14.6447,
8.4599

18.9898, 16.9518,
11.7665

20.8635, 19.5998,
15.7803

■ 23.0200, 22.6023,
20.5393

■ 25.4707, 25.9717,
26.0789

■ 28.2263, 29.7200,
32.4321

■ 31.2971, 33.8588,
39.6302

Harmonies

Analogous

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



16.2877, 9.6214, 6.4918



14.0629, 9.6214, 2.3442



10.7384, 9.6214, 1.0665

Triad

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



14.0629, 9.6214, 2.3442



4.4538, 9.6214, 6.7214



10.8602, 9.6214, 37.5506

Complementary

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



14.0629, 9.6214, 2.3442



12.3583, 15.3694, 30.3318

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.



7.7173, 9.6214, 37.7469



14.0629, 9.6214, 2.3442



4.4719, 9.6214, 15.8268

Square

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



14.0629, 9.6214, 2.3442



5.4754, 9.6214, 2.4294



5.5323, 9.6214, 28.3107



14.1695, 9.6214, 27.8697

Rectangle

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



14.0629, 9.6214, 2.3442



8.5744, 9.6214, 0.9677



5.5323, 9.6214, 28.3107



9.7400, 9.6214, 38.8570

Sweetspot

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



14.0631, 9.6219, 2.3444



38.7473, 37.2853, 32.0844



15.9766, 8.5443, 18.1027



8.5677, 8.1244, 6.7142



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.0631, 9.6219, 2.3444



22.9256, 13.7954, 1.6741



18.9843, 19.4644, 3.9848



5.9136, 6.0409, 6.0948



11.0332, 6.5807, 0.6887



0.1558, 0.1221, 0.0154

Inverse Universe

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



12.3583, 15.3694, 30.3318



19.5859, 23.9393, 53.0230



7.4705, 5.5937, 28.7025



5.8406, 6.3151, 7.3808



9.3847, 11.4641, 25.6492



0.1384, 0.1875, 0.3218

Previews

White Background



This preview shows how the XYZ color 14.0629, 9.6214, 2.3442 looks on a white background.

Color Contrast Check

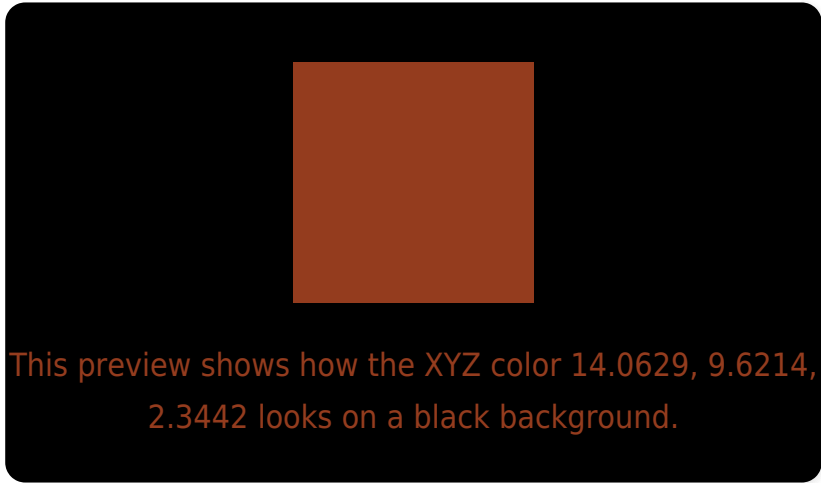
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0629, 9.6214, 2.3442

Background



This preview shows how black text looks on a background with the XYZ color 14.0629, 9.6214, 2.3442.



This preview shows how white text looks on a background with the XYZ color 14.0629, 9.6214,

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

14.0629, 9.6214, 2.3442

Protanopia

8.8766, 9.7161, 3.2413

Deuteranopia

9.8805, 9.7820, 2.1780



Tritanopia

14.6732, 9.6421, 5.3627

Trichromacy



Original Color

14.0629, 9.6214, 2.3442

Protanomaly

10.2302, 9.2831, 2.8427

Deuteranomaly

11.0147, 9.3918, 2.2095

Tritanomaly

14.4619, 9.6374, 4.0037

Monochromacy



Original Color

14.0629, 9.6214, 2.3442

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.5049, 8.5281, 5.9956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0629, 9.6214, 2.3442 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(148, 60, 30)` looks like.

```
.text, #text, p{  
    color:rgb(148, 60, 30)  
}
```

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(148, 60, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 60, 30) }
```

Border

The CSS property to change the border of an element to XYZ 14.0629, 9.6214, 2.3442 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(148, 60, 30) }
```


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

```
.border{ border-color:rgb(148, 60, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 60, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 60, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 60, 30);  
box-shadow:4px 4px 4px 4px rgb(148, 60,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0629, 9.6214, 2.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 60, 30) }
```

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

```
.background{ background-color: rgb(148, 60,  
30) }
```

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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