

Converting Colors

XYZ(14.1576, 10.4374, 2.1881)

Have a look what the booklet for
XYZ(14.1576, 10.4374, 2.1881)
contains.

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Color

**XYZ(14.1576, 10.4374,
2.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	924519
RGB	146, 69, 25
RGB Percent	57%, 27%, 10%
CMY	0.4275, 0.7294, 0.9020
CMYK	0.00, 0.53, 0.83, 0.43
HSL	22°, 71%, 34%
HSV	22°, 83%, 57%
XYZ	14.1576, 10.4374, 2.1881
YIQ	87.0070, 60.0160, 2.6400

Conversions

Conversions Part 2

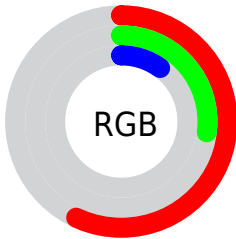
Format	Color
R_{YB}	146, 94, 25
Decimal	9585945
CIE _{Lab}	38.62, 29.63, 39.79
CIE _{LCh}	39, 49.611, 53.327
Yxy	10.4374, 0.5286, 0.3897
Android (android.graphics.Color)	4287776025 (0xFF924519)
YUV	87.0070, -30.5695, 51.7369
Hunter-Lab	32.3070, 21.6853, 18.5993

Details

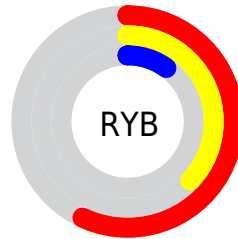
The XYZ color **14.1576, 10.4374, 2.1881** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.3401, 11.7838, 28.9233**, and the grayscale version is **9.1156, 9.5904, 10.4439**.

A 20% lighter version of the original color is **32.9434, 26.6407, 9.5367**, and **4.3880, 2.6602, 0.2822** is the 20% darker color. If you saturate the color by 10%, you get **13.5119, 9.3356, 1.3885**, and if you desaturate by 10%, it is **14.9756, 11.7523, 3.4512**.

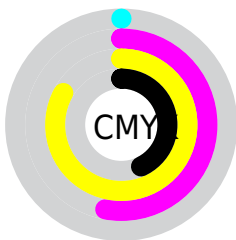
Distribution



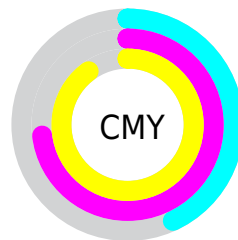
- Red (57%)
- Green (27%)
- Blue (10%)



- Red (57%)
- Yellow (37%)
- Blue (10%)



- Cyan (0%)
- Magenta (53%)
- Yellow (83%)
- Black (43%)





- Cyan (43%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1576, 10.4374, 2.1881 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 14.1576, 10.4374, 2.1881 by changing the saturation by 10% instead.


 14.1576, 10.4374,
2.1881


 14.1576, 10.4374,
2.1881


211.7001,
193.7660, 125.2324

 8.3128, 5.6899,
0.6675

 32.9523, 26.6150,
9.5490


 4.3492, 2.6575,
0.0000


 46.6330, 38.8139,
16.2557


 1.9015, 0.9556,
0.0000

 63.6563, 54.2655,
25.5380

 0.5777, 0.0000,
0.0000

 84.3876, 73.3540,
37.8145


 0.0000, 0.0000,
0.0000


 109.1923, 96.4639,
53.5036


 138.4357,


123.9796, 73.0239


 172.4832,
156.2855, 96.7940


 14.1576, 10.4374,
2.1881


 14.1576, 10.4374,
2.1881


 13.5119, 9.3356,
1.3885


 14.9756, 11.7523,
3.4512

 13.1314, 8.6659,
0.9806

 15.9803, 13.2908,
5.2379

 17.1852, 15.0646,
7.5998

 18.6019, 17.0840,
10.5820

 20.2415, 19.3586,
14.2251

■ 22.1137, 21.8974,
18.5662

■ 24.2280, 24.7089,
23.6395

■ 26.5931, 27.8013,
29.4772

■ 29.2174, 31.1823,
36.1093

Harmonies

Analogous

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



16.8661, 10.4374, 5.6326



14.1576, 10.4374, 2.1881



10.6673, 10.4374, 1.2312

Triad

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



14.1576, 10.4374, 2.1881



4.9039, 10.4374, 9.4024



12.6169, 10.4374, 37.1250

Complementary

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



14.1576, 10.4374, 2.1881



10.3401, 11.7838, 28.9233

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.



9.2093, 10.4374, 40.1691



14.1576, 10.4374, 2.1881



5.2038, 10.4374, 20.0641

Square

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



14.1576, 10.4374, 2.1881



5.6924, 10.4374, 3.6582



6.6262, 10.4374, 32.7165



15.8490, 10.4374, 25.8223

Rectangle

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



14.1576, 10.4374, 2.1881



8.5438, 10.4374, 1.3153



6.6262, 10.4374, 32.7165



11.4375, 10.4374, 39.3350

Sweetspot

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



14.1578, 10.4380, 2.1883



38.1022, 37.4061, 30.6165



14.6825, 7.7986, 13.7351



8.2446, 8.0078, 6.2723



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.1578, 10.4380, 2.1883



23.1016, 15.1432, 1.7595



19.7290, 21.5802, 4.0453



5.9632, 6.1402, 6.1113



11.5756, 7.6656, 0.8695



0.1679, 0.1463, 0.0194

Inverse Universe

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



10.3401, 11.7838, 28.9233



15.9847, 17.2899, 50.4684



6.4585, 4.0207, 27.6295



5.7885, 6.2111, 7.3635



8.0245, 8.7438, 25.1958



0.1263, 0.1633, 0.3178

Previews

White Background



This preview shows how the XYZ color 14.1576, 10.4374, 2.1881 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1576, 10.4374, 2.1881

Background



This preview shows how black text looks on a background with the XYZ color 14.1576, 10.4374, 2.1881.



This preview shows how white text looks on a background with the XYZ color 14.1576, 10.4374,

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

14.1576, 10.4374, 2.1881

Protanopia

9.6680, 10.6368, 2.8399

Deuteranopia

10.7118, 10.5699, 2.0059



Tritanopia

15.1772, 10.5062, 6.8582

Trichromacy



Original Color

14.1576, 10.4374, 2.1881

Protanomaly

10.9998, 10.3513, 2.5806

Deuteranomaly

11.7473, 10.2999, 2.0307

Tritanomaly

14.6234, 10.3565, 4.5964

Monochromacy



Original Color

14.1576, 10.4374, 2.1881

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.9784, 9.2956, 6.1188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1576, 10.4374, 2.1881 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(146, 69, 25)` looks like.

```
.text, #text, p{  
    color:rgb(146, 69, 25)  
}
```

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(146, 69, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 69, 25) }
```

Border

The CSS property to change the border of an element to XYZ 14.1576, 10.4374, 2.1881 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(146, 69, 25) }
```


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

```
.border{ border-color:rgb(146, 69, 25) }
```

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

Here you see how a box with a 4 pixel rgb(146, 69, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 69, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 69, 25);  
box-shadow:4px 4px 4px 4px rgb(146, 69,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1576, 10.4374, 2.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 69, 25) }
```

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

```
.background{ background-color: rgb(146, 69,  
25) }
```

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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