

Converting Colors

XYZ(14.8044, 10.3897, 3.0903)

Have a look what the booklet for
XYZ(14.8044, 10.3897, 3.0903)
contains.

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Color

**XYZ(14.8178, 10.4046,
3.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	964126
RGB	150, 65, 38
RGB Percent	59%, 25%, 15%
CMY	0.4118, 0.7451, 0.8510
CMYK	0.00, 0.57, 0.75, 0.41
HSL	14°, 60%, 37%
HSV	14°, 75%, 59%
XYZ	14.8178, 10.4046, 3.0610
YIQ	87.3370, 59.3270, 9.6230

Conversions

Conversions Part 2

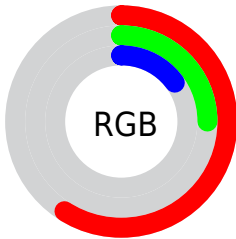
Format	Color
R_{YB}	150, 74, 38
Decimal	9847078
CIE Lab	38.56, 33.93, 33.25
CIE LCh	39, 47.512, 44.420
Yxy	10.4046, 0.5239, 0.3679
Android (android.graphics.Color)	4288037158 (0xFF964126)
YUV	87.3370, -24.3231, 54.9555
Hunter-Lab	32.2562, 25.5508, 16.9529

Details

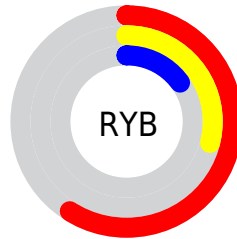
The XYZ color **14.8178, 10.4046, 3.0610** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.3865, 16.7785, 31.3869**, and the grayscale version is **9.1742, 9.6519, 10.5110**.

A 20% lighter version of the original color is **34.0255, 26.4569, 11.7009**, and **4.6712, 2.6412, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **14.0339, 9.1492, 1.8369**, and if you desaturate by 10%, it is **15.8315, 11.9637, 4.8430**.

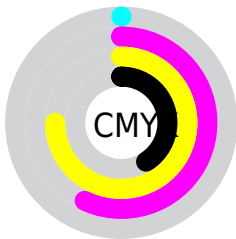
Distribution



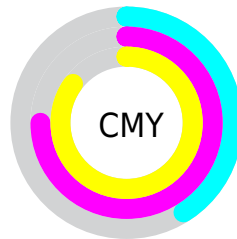
- Red (59%)
- Green (25%)
- Blue (15%)



- Red (59%)
- Yellow (29%)
- Blue (15%)



- Cyan (0%)
- Magenta (57%)
- Yellow (75%)
- Black (41%)





- Cyan (41%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8178, 10.4046, 3.0610 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 14.8178, 10.4046, 3.0610 by changing the saturation by 10% instead.


 14.8178, 10.4046,
3.0610


 14.8178, 10.4046,
3.0610


215.6711,
193.5359, 137.1338


 8.7771, 5.6680,
1.1259


 34.1075, 26.5538,
11.7786


 4.6520, 2.6443,
0.0000

 48.0872, 38.7352,
19.3981


 2.0772, 0.9490,
0.0000

 65.4440, 54.1670,
29.7495

 0.6768, 0.0000,
0.0000

 86.5432, 73.2336,
43.2514

 0.0000, 0.0000,
0.0000

 111.7501, 96.3194,
60.3222

 141.4302,

123.8088, 81.3805

175.9487,
156.0861, 106.8449

14.8178, 10.4046,
3.0610

14.8178, 10.4046,
3.0610

14.0339, 9.1492,
1.8369

15.8315, 11.9637,
4.8430

13.4579, 8.1745,
1.0983

17.0920, 13.8434,
7.2401

13.2135, 7.7559,
0.8006

18.6155, 16.0616,
10.3028

20.4164, 18.6342,
14.0761

22.5081, 21.5760,
18.6011

■ 24.9031, 24.9011,
23.9160

■ 27.6132, 28.6226,
30.0560

■ 30.6495, 32.7533,
37.0544

■ 34.0224, 37.3052,
44.9426

Harmonies

Analogous

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



16.9043, 10.4046, 7.5692



14.8178, 10.4046, 3.0610



11.5881, 10.4046, 1.5337

Triad

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



14.8178, 10.4046, 3.0610



5.1663, 10.4046, 7.3154



11.4582, 10.4046, 37.4131

Complementary

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



14.8178, 10.4046, 3.0610



13.3865, 16.7785, 31.3869

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.



8.3651, 10.4046, 37.2138



14.8178, 10.4046, 3.0610



5.1460, 10.4046, 16.1638

Square

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



14.8178, 10.4046, 3.0610



6.2593, 10.4046, 2.9594



6.1962, 10.4046, 28.0914



14.7056, 10.4046, 28.5444

Rectangle

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



14.8178, 10.4046, 3.0610



9.4345, 10.4046, 1.3859



6.1962, 10.4046, 28.0914



10.3584, 10.4046, 38.5097

Sweetspot

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



14.8180, 10.4052, 3.0612



40.6188, 39.3280, 34.7982



16.9003, 9.3221, 19.9331



8.7881, 8.4176, 7.2423



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.



14.8180, 10.4052, 3.0612



24.0098, 14.8755, 2.2390



19.6599, 20.0888, 4.6751



5.9076, 6.0290, 6.0928



10.9812, 6.4767, 0.6714



0.1544, 0.1192, 0.0149

Inverse Universe

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



13.3865, 16.7785, 31.3869



21.1778, 26.4017, 54.9011



8.3634, 6.7322, 29.7125



5.8469, 6.3277, 7.3829



9.5663, 11.8274, 25.7098



0.1399, 0.1904, 0.3223

Previews

White Background



This preview shows how the XYZ color 14.8178, 10.4046, 3.0610 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



This preview shows how the XYZ color 14.8178, 10.4046, 3.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

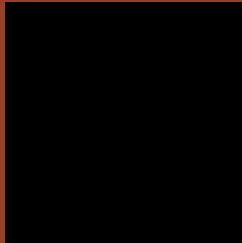
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8178, 10.4046, 3.0610

Background



This preview shows how black text looks on a background with the XYZ color 14.8178, 10.4046, 3.0610.



This preview shows how white text looks on a background with the XYZ color 14.8178, 10.4046,

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

14.8178, 10.4046, 3.0610

Protanopia

9.6871, 10.6183, 4.1237

Deuteranopia

10.6083, 10.4981, 2.8337



Tritanopia

15.4685, 10.4179, 6.3498

Trichromacy



Original Color

14.8178, 10.4046, 3.0610

Protanomaly

11.0611, 10.1309, 3.6580

Deuteranomaly

11.8371, 10.2195, 2.8620

Tritanomaly

15.2538, 10.4198, 4.9486

Monochromacy



Original Color

14.8178, 10.4046, 3.0610

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.3006, 9.3366, 6.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8178, 10.4046, 3.0610 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(150, 65, 38)` looks like.

```
.text, #text, p{  
    color:rgb(150, 65, 38)  
}
```

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(150, 65, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 65, 38) }
```

Border

The CSS property to change the border of an element to XYZ 14.8178, 10.4046, 3.0610 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(150, 65, 38) }
```


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

```
.border{ border-color:rgb(150, 65, 38) }
```

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

Here you see how a box with a 4 pixel rgb(150, 65, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 65, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 65, 38);  
box-shadow:4px 4px 4px 4px rgb(150, 65,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8178, 10.4046, 3.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 65, 38) }
```

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

```
.background{ background-color: rgb(150, 65,  
38) }
```

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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