

Converting Colors

XYZ(14.3403, 9.6318, 1.9934)

Have a look what the booklet for
XYZ(14.3403, 9.6318, 1.9934)
contains.

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Color

**XYZ(14.2556, 9.5761,
1.9612)**

Conversions

Conversions Part 1

Format	Color
Hex	963A18
RGB	150, 58, 24
RGB Percent	59%, 23%, 9%
CMY	0.4118, 0.7725, 0.9059
CMYK	0.00, 0.61, 0.84, 0.41
HSL	16°, 72%, 34%
HSV	16°, 84%, 59%
XYZ	14.2556, 9.5761, 1.9612
YIQ	81.6320, 65.7460, 8.9300

Conversions

Conversions Part 2

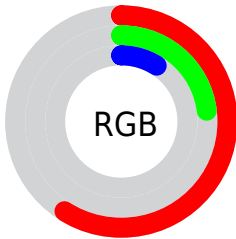
Format	Color
RYB	150, 71, 24
Decimal	9845272
CIELab	37.07, 36.90, 39.07
CIELCh	37, 53.746, 46.637
Yxy	9.5761, 0.5527, 0.3713
Android (android.graphics.Color)	4288035352 (0xFF963A18)
YUV	81.6320, -28.4126, 59.9587
Hunter-Lab	30.9453, 28.0756, 17.9041

Details

The XYZ color **14.2556, 9.5761, 1.9612** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.1265, 14.8858, 31.0880**, and the grayscale version is **7.9926, 8.4089, 9.1573**.

A 20% lighter version of the original color is **33.1525, 25.0811, 8.8882**, and **4.4462, 2.3404, 0.2174** is the 20% darker color. If you saturate the color by 10%, you get **13.6456, 8.5411, 1.1879**, and if you desaturate by 10%, it is **15.0693, 10.8815, 3.2257**.

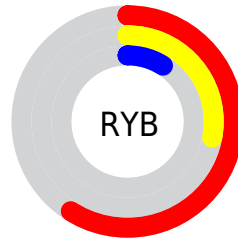
Distribution



Red (59%)

Green (23%)

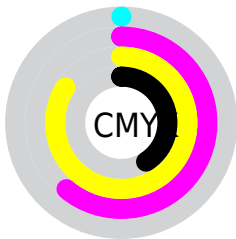
Blue (9%)



Red (59%)

Yellow (28%)

Blue (9%)

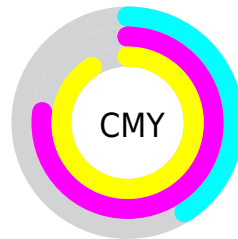


Cyan (0%)

Magenta (61%)

Yellow (84%)

Black (41%)



Cyan (41%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2556, 9.5761, 1.9612 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 14.2556, 9.5761, 1.9612 by changing the saturation by 10% instead.

■ 14.2556, 9.5761,
1.9612

■ 14.2556, 9.5761,
1.9612

212.2941,
187.6193, 121.7713

■ 8.3815, 5.1188,
0.5313

■ 33.1244, 24.9951,
8.9344

■ 4.3939, 2.3171,
0.0000

■ 46.8498, 36.7256,
15.3764

■ 1.9273, 0.7828,
0.0000

■ 63.9230, 51.6492,
24.3467

■ 0.5926, 0.0000,
0.0000


■ 84.7094, 70.1505,
36.2638


■ 0.0000, 0.0000,
0.0000


■ 109.5744, 92.6137,
51.5463


■ 138.8833,


119.4234, 70.6127


 173.0014,
150.9637, 93.8815


 14.2556, 9.5761,
1.9612


 14.2556, 9.5761,
1.9612


 13.6456, 8.5411,
1.1879


 15.0693, 10.8815,
3.2257

 13.3527, 8.0343,
0.8470

 16.1055, 12.4744,
5.0492

 17.3810, 14.3721,
7.4885

 18.9109, 16.5901,
10.5933

 20.7087, 19.1427,
14.4082

■ 22.7871, 22.0432,
18.9737

■ 25.1578, 25.3045,
24.3276

■ 27.8321, 28.9384,
30.5048

■ 30.8203, 32.9565,
37.5382

Harmonies

Analogous

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



16.7363, 9.5761, 6.0013



14.2556, 9.5761, 1.9612



10.6665, 9.5761, 0.8127

Triad

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



14.2556, 9.5761, 1.9612



4.1781, 9.5761, 6.7307



11.0650, 9.5761, 39.7973

Complementary

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



14.2556, 9.5761, 1.9612



12.1265, 14.8858, 31.0880

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.



7.6981, 9.5761, 40.4646



14.2556, 9.5761, 1.9612



4.2348, 9.5761, 16.6216

Square

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



14.2556, 9.5761, 1.9612



5.1890, 9.5761, 2.2152



5.3692, 9.5761, 30.3010



14.6081, 9.5761, 28.8142

Rectangle

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



14.2556, 9.5761, 1.9612



8.3802, 9.5761, 0.7361



5.3692, 9.5761, 30.3010



9.8636, 9.5761, 41.3960

Sweetspot

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



14.2558, 9.5766, 1.9614



39.6343, 38.0972, 32.1943



16.0799, 8.4076, 17.4206



8.5195, 8.0754, 6.5514



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.



14.2558, 9.5766, 1.9614



23.4384, 13.9260, 1.4526



19.5313, 20.1276, 3.7199



5.9206, 6.0550, 6.0971



11.0983, 6.7110, 0.7104



0.1576, 0.1256, 0.0159

Inverse Universe

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



12.1265, 14.8858, 31.0880



19.3135, 23.0828, 54.3587



7.1732, 4.9791, 29.4369



5.8331, 6.3002, 7.3784



9.1746, 11.0441, 25.5792



0.1367, 0.1840, 0.3212

Previews

White Background



This preview shows how the XYZ color 14.2556, 9.5761, 1.9612 looks on a white background.

Color Contrast Check

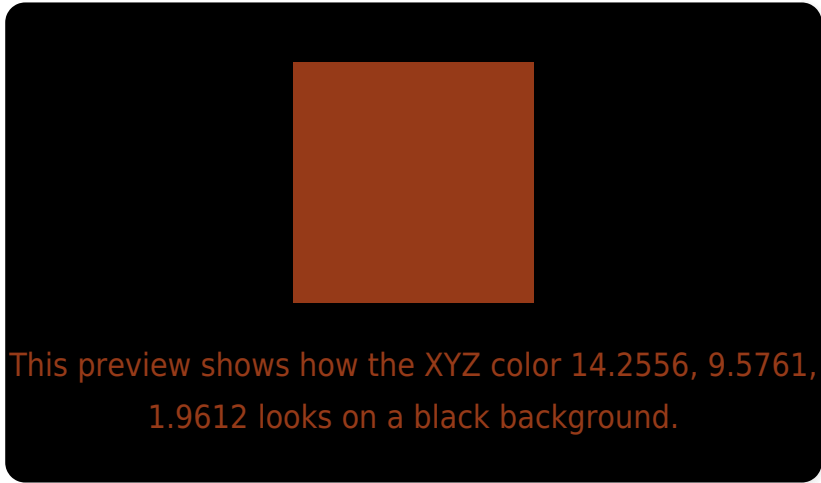
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2556, 9.5761, 1.9612

Background



This preview shows how black text looks on a background with the XYZ color 14.2556, 9.5761, 1.9612.



This preview shows how white text looks on a background with the XYZ color 14.2556, 9.5761,

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

14.2556, 9.5761, 1.9612

Protanopia

8.7874, 9.6804, 2.7719

Deuteranopia

9.7922, 9.7467, 1.7130



Tritanopia

14.8924, 9.6172, 5.0744

Trichromacy



Original Color

14.2556, 9.5761, 1.9612

Protanomaly

10.2118, 9.1784, 2.3958

Deuteranomaly

11.0671, 9.4295, 1.7270

Tritanomaly

14.6698, 9.6049, 3.6655

Monochromacy



Original Color

14.2556, 9.5761, 1.9612

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.2883, 8.2278, 5.5135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2556, 9.5761, 1.9612 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, 58, 24)` looks like.

```
.text, #text, p{  
    color:rgb(150, 58, 24)  
}
```

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, 58, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 58, 24) }
```

Border

The CSS property to change the border of an element to XYZ 14.2556, 9.5761, 1.9612 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, 58, 24) }
```


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

```
.border{ border-color:rgb(150, 58, 24) }
```

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

Here you see how a box with a 4 pixel rgb(150, 58, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 58, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 58, 24);  
box-shadow:4px 4px 4px 4px rgb(150, 58,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2556, 9.5761, 1.9612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 58, 24) }
```

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

```
.background{ background-color: rgb(150, 58,  
24) }
```

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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