

Converting Colors

XYZ(15.9430, 14.1509, 2.3430)

Have a look what the booklet for
XYZ(15.9430, 14.1509, 2.3430)
contains.

XYZ(15.9430, 14.1509, 2.3430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9430, 14.1509,
2.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	925E0F
RGB	146, 94, 15
RGB Percent	57%, 37%, 6%
CMY	0.4275, 0.6314, 0.9412
CMYK	0.00, 0.36, 0.90, 0.43
HSL	36°, 81%, 32%
HSV	36°, 90%, 57%
XYZ	15.9430, 14.1509, 2.3430
YIQ	100.5420, 56.3510, -13.5450

Conversions

Conversions Part 2

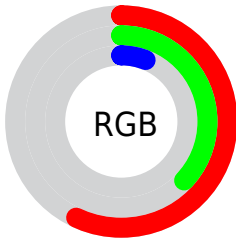
Format	Color
R_{YB}	101, 146, 15
Decimal	9592335
CIE _{Lab}	44.45, 15.19, 48.59
CIE _{LCh}	44, 50.913, 72.636
Yxy	14.1509, 0.4915, 0.4363
Android (android.graphics.Color)	4287782415 (0xFF925E0F)
YUV	100.5420, -42.1722, 39.8667
Hunter-Lab	37.6177, 9.8203, 22.6395

Details

The XYZ color **15.9430, 14.1509, 2.3430** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.3923, 6.1909, 27.9993**, and the grayscale version is **12.3470, 12.9900, 14.1461**.

A 20% lighter version of the original color is **35.9185, 33.2012, 9.9842**, and **5.2734, 4.2876, 0.5496** is the 20% darker color. If you saturate the color by 10%, you get **15.3631, 13.1257, 1.7353**, and if you desaturate by 10%, it is **16.6212, 15.2786, 3.2749**.

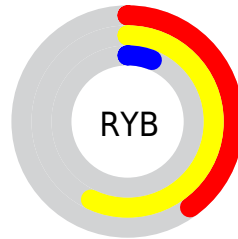
Distribution



Red (57%)

Green (37%)

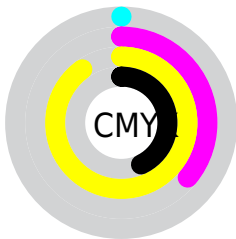
Blue (6%)



Red (40%)

Yellow (57%)

Blue (6%)

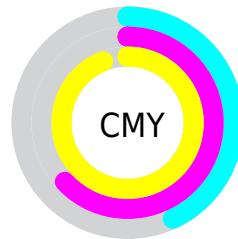


Cyan (0%)

Magenta (36%)

Yellow (90%)

Black (43%)



Cyan (43%)


Magenta (63%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9430, 14.1509, 2.3430 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 15.9430, 14.1509, 2.3430 by changing the saturation by 10% instead.


 15.9430, 14.1509,
2.3430

 15.9430, 14.1509,
2.3430


222.2821,
218.1676, 127.4941

 9.5744, 8.2257,
0.7552


 36.0575, 33.3565,
9.9589


 5.1778, 4.2397,
0.0000

 50.5341, 47.4058,
16.8389


 2.3878, 1.8085,
0.0000

 68.4440, 64.9318,
26.3249

 0.8390, 0.4925,
0.0000


 90.1528, 86.3190,
38.8354


 0.0000, 0.0000,
0.0000


 116.0256,
111.9518, 54.7891


 146.4278,


142.2145, 74.6044


 181.7249,
177.4917, 98.6999


 15.9430, 14.1509,
2.3430


 15.9430, 14.1509,
2.3430


 15.3631, 13.1257,
1.7353


 16.6212, 15.2786,
3.2749

 15.3478, 13.0985,
1.7194

 17.4247, 16.5190,
4.6730

 18.3653, 17.8787,
6.5938

 19.4528, 19.3629,
9.0856

 20.6959, 20.9764,
12.1911

■ 22.1028, 22.7234,
15.9486

■ 23.6808, 24.6081,
20.3937

■ 25.4367, 26.6343,
25.5591

■ 27.3771, 28.8057,
31.4755

Harmonies

Analogous

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



20.1242, 14.1509, 4.6158



15.9430, 14.1509, 2.3430



11.7979, 14.1509, 2.2083

Triad

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



15.9430, 14.1509, 2.3430



7.1302, 14.1509, 20.8941



19.5285, 14.1509, 38.7052

Complementary

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



15.9430, 14.1509, 2.3430



7.3923, 6.1909, 27.9993

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.



15.2495, 14.1509, 49.6135



15.9430, 14.1509, 2.3430



8.4434, 14.1509, 36.3215

Square

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



15.9430, 14.1509, 2.3430



7.2410, 14.1509, 9.6036



11.2315, 14.1509, 48.5694



22.4659, 14.1509, 23.1773

Rectangle

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



15.9430, 14.1509, 2.3430



9.6303, 14.1509, 3.1423



11.2315, 14.1509, 48.5694



18.1659, 14.1509, 43.3187

Sweetspot

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



15.9433, 14.1516, 2.3433



39.5723, 40.7901, 29.7379



13.0500, 6.8628, 6.0104



8.6270, 8.8602, 6.1296



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.



15.9433, 14.1516, 2.3433



26.9069, 22.7704, 2.9770



20.0221, 25.5705, 4.3324



6.0742, 6.3621, 6.1483



13.5283, 11.5710, 1.5204



0.1944, 0.1994, 0.0282

Inverse Universe

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



7.3923, 6.1909, 27.9993



11.6620, 8.6795, 49.0342



5.8408, 2.6653, 27.4006



5.6771, 5.9882, 7.3264



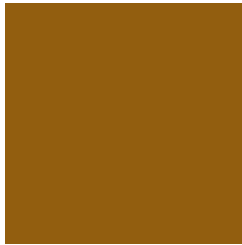
5.9156, 4.5261, 24.4929



0.0998, 0.1102, 0.3089

Previews

White Background



This preview shows how the XYZ color 15.9430, 14.1509, 2.3430 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 15.9430, 14.1509, 2.3430 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 15.9430, 14.1509, 2.3430

Background



This preview shows how black text looks on a background with the XYZ color 15.9430, 14.1509, 2.3430.



This preview shows how white text looks on a background with the XYZ color 15.9430, 14.1509,

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

15.9430, 14.1509, 2.3430

Protanopia

12.8710, 14.2737, 2.6490

Deuteranopia

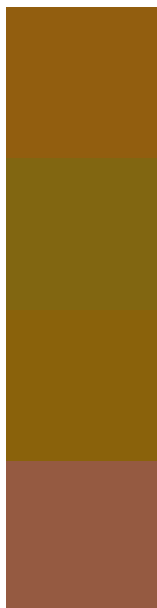
14.4325, 14.2002, 2.2100



Tritanopia

18.0063, 14.1086, 12.3639

Trichromacy



Original Color

15.9430, 14.1509, 2.3430

Protanomaly

13.9058, 14.2103, 2.5403

Deuteranomaly

14.9093, 14.1628, 2.2645

Tritanomaly

17.0047, 14.0835, 6.8232

Monochromacy



Original Color

15.9430, 14.1509, 2.3430

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8093, 12.9595, 7.6207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9430, 14.1509, 2.3430 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, 94, 15)` looks like.

```
.text, #text, p{  
    color:rgb(146, 94, 15)  
}
```

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, 94, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 94, 15) }
```

Border

The CSS property to change the border of an element to XYZ 15.9430, 14.1509, 2.3430 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, 94, 15) }
```


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

```
.border{ border-color:rgb(146, 94, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 94, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 94, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 94, 15);  
box-shadow:4px 4px 4px 4px rgb(146, 94,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9430, 14.1509, 2.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 94, 15) }
```

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

```
.background{ background-color: rgb(146, 94,  
15) }
```

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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