

Converting Colors

XYZ(14.8921, 12.9031, 3.5495)

Have a look what the booklet for
XYZ(14.8921, 12.9031, 3.5495)
contains.

XYZ(14.9067, 12.9474, 3.5472)	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(14.9067, 12.9474,
3.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5926
RGB	141, 89, 38
RGB Percent	55%, 35%, 15%
CMY	0.4471, 0.6510, 0.8510
CMYK	0.00, 0.37, 0.73, 0.45
HSL	30°, 58%, 35%
HSV	30°, 73%, 55%
XYZ	14.9067, 12.9474, 3.5472
YIQ	98.7340, 47.3630, -4.8370

Conversions

Conversions Part 2

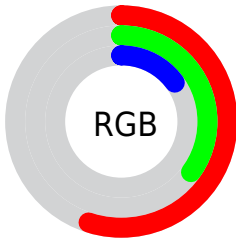
Format	Color
R_{YB}	141, 139, 38
Decimal	9263398
CIE _{Lab}	42.68, 16.69, 37.30
CIE _{LCh}	43, 40.867, 65.893
Yxy	12.9474, 0.4747, 0.4123
Android (android.graphics.Color)	4287453478 (0xFF8D5926)
YUV	98.7340, -29.9419, 37.0673
Hunter-Lab	35.9825, 10.9790, 19.3429

Details

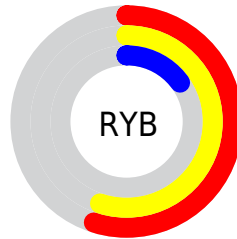
The XYZ color **14.9067, 12.9474, 3.5472** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.2630, 9.6470, 26.5729**, and the grayscale version is **11.8577, 12.4752, 13.5855**.

A 20% lighter version of the original color is **34.2010, 31.1429, 13.0127**, and **4.7944, 3.7540, 0.4719** is the 20% darker color. If you saturate the color by 10%, you get **14.1570, 11.7456, 2.3798**, and if you desaturate by 10%, it is **15.8005, 14.2996, 5.1882**.

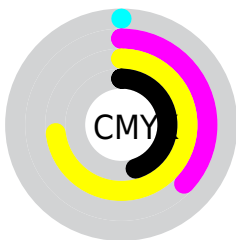
Distribution



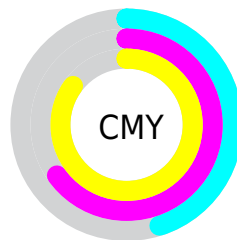
- Red (55%)
- Green (35%)
- Blue (15%)



- Red (55%)
- Yellow (55%)
- Blue (15%)



- Cyan (0%)
- Magenta (37%)
- Yellow (73%)
- Black (45%)





- Cyan (45%)
- Magenta (65%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9067, 12.9474, 3.5472 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 14.9067, 12.9474, 3.5472 by changing the saturation by 10% instead.


 14.9067, 12.9474,
3.5472


 14.9067, 12.9474,
3.5472


216.2004,
210.5803, 143.0511


 8.8398, 7.3923,
1.3804


 34.2624, 31.2093,
12.9512

 4.6931, 3.7087,
0.1263

 48.2820, 44.6848,
21.0255


 2.1012, 1.5120,
0.0000

 65.6831, 61.5694,
31.9060

 0.6899, 0.2971,
0.0000

 86.8312, 82.2473,
46.0113

 0.0000, 0.0000,
0.0000

 112.0917,
107.1029, 63.7599

 141.8298,

136.5207, 85.5704

176.4109,
170.8850, 111.8613

14.9067, 12.9474,
3.5472

14.9067, 12.9474,
3.5472

14.1570, 11.7456,
2.3798

15.8005, 14.2996,
5.1882

13.5385, 10.6849,
1.6303

16.8479, 15.8067,
7.3486

13.1633, 10.0205,
1.2404

18.0582, 17.4756,
10.0694

19.4397, 19.3118,
13.3874

21.0003, 21.3207,
17.3362

■ 22.7469, 23.5072,
21.9469

■ 24.6863, 25.8762,
27.2483

■ 26.8250, 28.4322,
33.2679

■ 29.1689, 31.1796,
40.0312

Harmonies

Analogous

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



17.7983, 12.9474, 6.2670



14.9067, 12.9474, 3.5472



11.7039, 12.9474, 3.0181

Triad

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



14.9067, 12.9474, 3.5472



7.2754, 12.9474, 15.9250



16.1447, 12.9474, 32.9585

Complementary

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



14.9067, 12.9474, 3.5472



9.2630, 9.6470, 26.5729

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.



12.9287, 12.9474, 38.8311



14.9067, 12.9474, 3.5472



8.0789, 12.9474, 26.6711

Square

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



14.9067, 12.9474, 3.5472



7.6251, 12.9474, 8.2080



10.0271, 12.9474, 36.1452



18.5930, 12.9474, 22.2892

Rectangle

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



14.9067, 12.9474, 3.5472



9.8809, 12.9474, 3.6376



10.0271, 12.9474, 36.1452



15.0989, 12.9474, 35.7255

Sweetspot

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



14.9070, 12.9481, 3.5474



37.7796, 38.3993, 31.4899



13.5753, 7.8081, 10.7384



8.2854, 8.3825, 6.6393



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.9070, 12.9481, 3.5474



24.5716, 19.7091, 3.2698



20.6079, 24.3498, 5.4477



5.6156, 5.8375, 5.7201



12.0184, 9.1686, 1.1363



0.1369, 0.1316, 0.0182

Inverse Universe

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



9.2630, 9.6470, 26.5729



13.8511, 13.4341, 46.9909



6.3564, 3.8339, 25.6040



5.3404, 5.6767, 6.8430



6.4646, 5.9152, 23.7781



0.0838, 0.1006, 0.2347

Previews

White Background



This preview shows how the XYZ color 14.9067, 12.9474, 3.5472 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 14.9067, 12.9474, 3.5472 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 14.9067, 12.9474, 3.5472

Background



This preview shows how black text looks on a background with the XYZ color 14.9067, 12.9474, 3.5472.



This preview shows how white text looks on a background with the XYZ color 14.9067, 12.9474,

3.5472.

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

14.9067, 12.9474, 3.5472

Protanopia

11.8817, 12.9852, 4.0707

Deuteranopia

13.1055, 12.9287, 3.4738



Tritanopia

16.5174, 13.0081, 11.3131

Trichromacy



Original Color

14.9067, 12.9474, 3.5472

Protanomaly

12.8433, 12.9204, 3.9148

Deuteranomaly

13.6084, 12.7876, 3.5013

Tritanomaly

15.7928, 12.9501, 7.6285

Monochromacy



Original Color

14.9067, 12.9474, 3.5472

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.3712, 12.2976, 8.7428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9067, 12.9474, 3.5472 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(141, 89, 38)` looks like.

```
.text, #text, p{  
    color:rgb(141, 89, 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(141, 89, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 89, 38) }
```

Border

The CSS property to change the border of an element to XYZ 14.9067, 12.9474, 3.5472 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(141, 89, 38) }
```


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

```
.border{ border-color:rgb(141, 89, 38) }
```

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

Here you see how a box with a 4 pixel rgb(141, 89, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 89, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 89, 38);  
box-shadow:4px 4px 4px 4px rgb(141, 89,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9067, 12.9474, 3.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 89, 38) }
```

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

```
.background{ background-color: rgb(141, 89,  
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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