

Converting Colors

XYZ(14.2232, 12.4161, 1.0857)

Have a look what the booklet for
XYZ(14.2232, 12.4161, 1.0857)
contains.

XYZ(14.3927, 12.4791, 1.6501)	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(14.3927, 12.4791,
1.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5700
RGB	141, 87, 0
RGB Percent	55%, 34%, 0%
CMY	0.4471, 0.6588, 1.0000
CMYK	0.00, 0.38, 1.00, 0.45
HSL	37°, 100%, 28%
HSV	37°, 100%, 55%
XYZ	14.3927, 12.4791, 1.6501
YIQ	93.2280, 60.1110, -15.6090

Conversions

Conversions Part 2

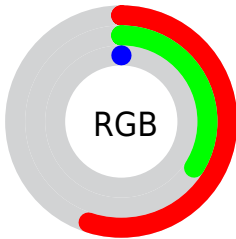
Format	Color
RYB	88, 141, 0
Decimal	9262848
CIELab	41.97, 16.64, 50.45
CIELCh	42, 53.125, 71.742
Yxy	12.4791, 0.5046, 0.4375
Android (android.graphics.Color)	4287452928 (0xFF8D5700)
YUV	93.2280, -45.9614, 41.8960
Hunter-Lab	35.3258, 10.9058, 21.9585

Details

The XYZ color **14.3927, 12.4791, 1.6501** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.1268, 4.5613, 25.7566**, and the grayscale version is **10.5526, 11.1021, 12.0902**.

A 20% lighter version of the original color is **33.2626, 30.3389, 8.1059**, and **4.5393, 3.5172, 0.4396** is the 20% darker color. If you saturate the color by 10%, you get **14.3929, 12.4796, 1.6502**, and if you desaturate by 10%, it is **14.9266, 13.4191, 2.2226**.

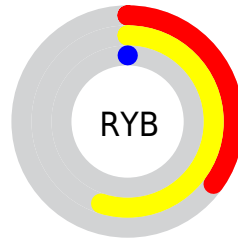
Distribution



Red (55%)

Green (34%)

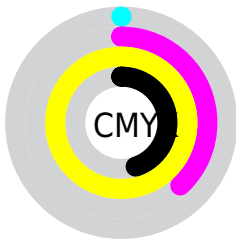
Blue (0%)



Red (35%)

Yellow (55%)

Blue (0%)

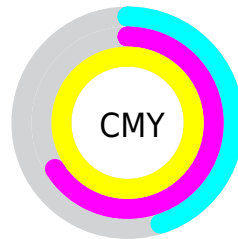


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (66%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3927, 12.4791, 1.6501 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 14.3927, 12.4791, 1.6501 by changing the saturation by 10% instead.


 14.3927, 12.4791,
1.6501

 14.3927, 12.4791,
1.6501


 213.1224,
207.5518, 116.6825


 8.4778, 7.0708,
0.3262


 33.3647, 30.3647,
8.0600


 4.4565, 3.5064,
0.0000

 47.1525, 43.6109,
14.1136


 1.9635, 1.4015,
0.0000

 64.2954, 60.2385,
22.6242

 0.6134, 0.2178,
0.0000


 85.1586, 80.6319,
34.0104


 0.0000, 0.0000,
0.0000


 110.1075,
105.1756, 48.6908


 139.5076,


134.2538, 67.0839


 173.7241,
168.2511, 89.6083


 14.3927, 12.4791,
1.6501


 14.3927, 12.4791,
1.6501


 14.3929, 12.4796,
1.6502

 14.9266, 13.4191,
2.2226

 15.5458, 14.4461,
3.0804

 16.2783, 15.5730,
4.3669

 17.1345, 16.8049,
6.1338

 18.1235, 18.1464,
8.4253

■ 19.2532, 19.6018,
11.2806

■ 20.5309, 21.1749,
14.7351

■ 21.9634, 22.8694,
18.8212

■ 23.5569, 24.6886,
23.5692

Harmonies

Analogous

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



18.4491, 12.4791, 3.6648



14.3927, 12.4791, 1.6501



10.3870, 12.4791, 1.4987

Triad

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



14.3927, 12.4791, 1.6501



5.8887, 12.4791, 18.4913



17.6448, 12.4791, 37.0148

Complementary

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



14.3927, 12.4791, 1.6501



6.1268, 4.5613, 25.7566

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.



13.4683, 12.4791, 47.7574



14.3927, 12.4791, 1.6501



7.0641, 12.4791, 33.7208

Square

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



14.3927, 12.4791, 1.6501



6.0293, 12.4791, 7.8670



9.6451, 12.4791, 46.2990



20.5942, 12.4791, 21.5692

Rectangle

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



14.3927, 12.4791, 1.6501



8.3094, 12.4791, 2.2355



9.6451, 12.4791, 46.2990



16.3031, 12.4791, 41.5990

Sweetspot

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



14.3930, 12.4797, 1.6503



36.6119, 37.7328, 25.9555



11.6515, 5.9296, 4.0268



7.9831, 8.1910, 5.2643



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.



14.3930, 12.4797, 1.6503



25.6089, 22.0159, 2.8998



17.9167, 23.3758, 3.5678



5.6684, 5.9431, 5.7378



13.1393, 11.4103, 1.5099



0.1470, 0.1518, 0.0216

Inverse Universe

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



6.1268, 4.5613, 25.7566



10.8195, 7.8632, 46.0754



5.0292, 2.0373, 25.3273



5.2883, 5.5724, 6.8256



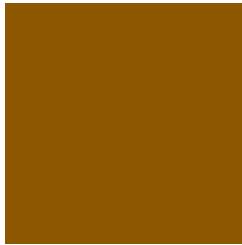
5.6009, 4.1878, 23.4902



0.0737, 0.0804, 0.2313

Previews

White Background



This preview shows how the XYZ color 14.3927, 12.4791, 1.6501 looks on a white background.

Color Contrast Check

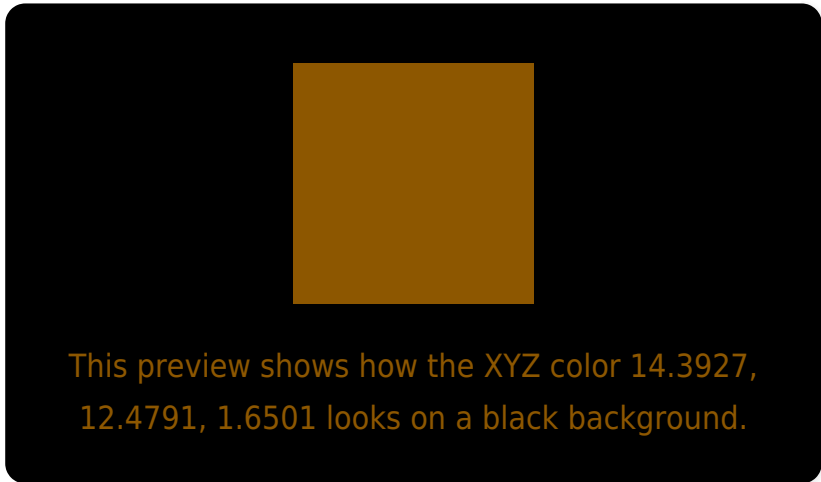
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3927, 12.4791, 1.6501

Background



This preview shows how black text looks on a background with the XYZ color 14.3927, 12.4791, 1.6501.



This preview shows how white text looks on a background with the XYZ color 14.3927, 12.4791,

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

14.3927, 12.4791, 1.6501

Protanopia

11.2940, 12.5810, 2.1203

Deuteranopia

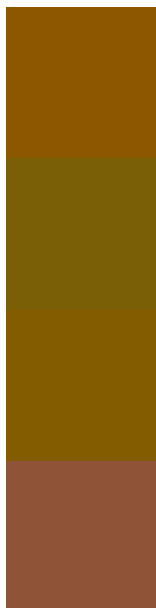
12.6964, 12.6200, 1.7667



Tritanopia

16.1643, 12.5023, 10.5781

Trichromacy



Original Color

14.3927, 12.4791, 1.6501

Protanomaly

12.2935, 12.4085, 1.9194

Deuteranomaly

13.1872, 12.4796, 1.7138

Tritanomaly

15.1105, 12.3020, 5.1925

Monochromacy



Original Color

14.3927, 12.4791, 1.6501

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.9609, 11.1129, 5.7050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3927, 12.4791, 1.6501 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, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 87, 0)  
}
```

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, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 87, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.3927, 12.4791, 1.6501 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, 87, 0) }
```


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

```
.border{ border-color:rgb(141, 87, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 87, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3927, 12.4791, 1.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 87, 0) }
```

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

```
.background{ background-color: rgb(141, 87,  
0) }
```

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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