

Converting Colors

XYZ(14.7589, 10.0163, 1.1555)

Have a look what the booklet for
XYZ(14.7589, 10.0163, 1.1555)
contains.

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Color

**XYZ(14.7527, 10.0040,
1.1534)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 993C00 |
| RGB | 153, 60, 0 |
| RGB Percent | 60%, 24%, 0% |
| CMY | 0.4000, 0.7647, 1.0000 |
| CMYK | 0.00, 0.61, 1.00, 0.40 |
| HSL | 24°, 100%, 30% |
| HSV | 24°, 100%, 60% |
| XYZ | 14.7527, 10.0040, 1.1534 |
| YIQ | 80.9670, 74.6880, 1.0560 |

Conversions

Conversions Part 2

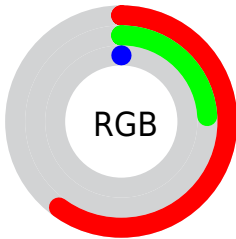
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 153, 99, 0 |
| Decimal | 10042368 |
| CIE Lab | 37.85, 36.60, 48.92 |
| CIE LCh | 38, 61.095, 53.199 |
| Yxy | 10.0040, 0.5694, 0.3861 |
| Android (android.graphics.Color) | 4288232448 (0xFF993C00) |
| YUV | 80.9670, -39.9167, 63.1729 |
| Hunter-Lab | 31.6291, 27.9065, 19.9783 |

Details

The XYZ color **14.7527, 10.0040, 1.1534** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.6637, 10.1278, 31.5822**, and the grayscale version is **7.8810, 8.2915, 9.0294**.

A 20% lighter version of the original color is **33.9501, 25.7050, 6.5404**, and **4.6812, 2.5099, 0.2377** is the 20% darker color. If you saturate the color by 10%, you get **14.7528, 10.0045, 1.1535**, and if you desaturate by 10%, it is **15.3721, 11.1015, 1.7959**.

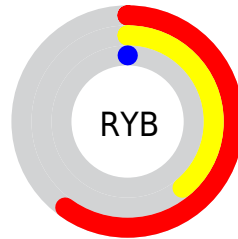
Distribution



Red (60%)

Green (24%)

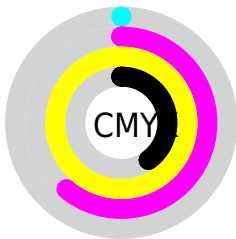
Blue (0%)



Red (60%)

Yellow (39%)

Blue (0%)

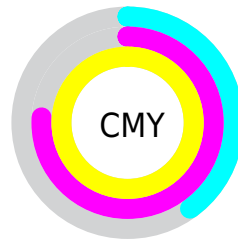


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7527, 10.0040, 1.1534 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 14.7527, 10.0040, 1.1534 by changing the saturation by 10% instead.


 14.7527, 10.0040,
1.1534


 14.7527, 10.0040,
1.1534


 215.2826,
190.7006, 107.4141


 8.7312, 5.4016,
0.0000


 33.9940, 25.8030,
6.5604


 4.6220, 2.4848,
0.0000

 47.9445, 37.7684,
11.9097


 2.0597, 0.8690,
0.0000

 65.2687, 52.9570,
19.5809

 0.6671, 0.0000,
0.0000


 86.3319, 71.7531,
29.9925


 0.0000, 0.0000,
0.0000


 111.4996, 94.5411,
43.5631


 141.1370,


121.7054, 60.7112


 175.6096,
153.6305, 81.8554


 14.7527, 10.0040,
1.1534


 14.7527, 10.0040,
1.1534


 14.7528, 10.0045,
1.1535

 15.3721, 11.1015,
1.7959

 16.1464, 12.4042,
2.8122

 17.1098, 13.9325,
4.3621

 18.2780, 15.6984,
6.5101

 19.6648, 17.7131,
9.3118

■ 21.2825, 19.9868,
12.8159

■ 23.1425, 22.5290,
17.0667

■ 25.2552, 25.3487,
22.1047

■ 27.6306, 28.4546,
27.9675

Harmonies

Analogous

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



18.2140, 10.0040, 4.4279



14.7527, 10.0040, 1.1534



10.4256, 10.0040, 0.3211

Triad

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



14.7527, 10.0040, 1.1534



3.8318, 10.0040, 8.5396



12.7835, 10.0040, 45.0214

Complementary

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



14.7527, 10.0040, 1.1534



9.6637, 10.1278, 31.5822

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.



8.6468, 10.0040, 49.2348



14.7527, 10.0040, 1.1534



4.1423, 10.0040, 21.7489

Square

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



14.7527, 10.0040, 1.1534



4.6745, 10.0040, 2.4219



5.6827, 10.0040, 38.7766



16.8767, 10.0040, 29.5186

Rectangle

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



14.7527, 10.0040, 1.1534



7.8950, 10.0040, 0.4039



5.6827, 10.0040, 38.7766



11.3280, 10.0040, 48.1042

Sweetspot

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



14.7529, 10.0046, 1.1536



41.2356, 40.0631, 30.0739



15.1729, 7.5867, 11.3370



8.8127, 8.4490, 5.9645



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.7529, 10.0046, 1.1536



26.2515, 17.5782, 2.0093



21.8216, 24.1420, 3.5098



6.3976, 6.6003, 6.5426



12.2238, 8.3300, 0.9636



0.2166, 0.1922, 0.0257

Inverse Universe

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



9.6637, 10.1278, 31.5822



17.1216, 17.7677, 56.4991



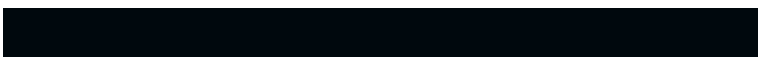
5.9636, 2.7277, 30.3489



6.1811, 6.6195, 7.8809



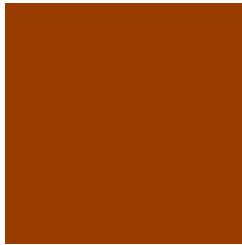
8.0199, 8.4365, 26.1134



0.1552, 0.1966, 0.4021

Previews

White Background



This preview shows how the XYZ color 14.7527, 10.0040, 1.1534 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 ✓ 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 14.7527, 10.0040, 1.1534

Background



This preview shows how black text looks on a background with the XYZ color 14.7527, 10.0040, 1.1534.



This preview shows how white text looks on a background with the XYZ color 14.7527, 10.0040,

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

14.7527, 10.0040, 1.1534

Protanopia

9.1092, 10.1135, 1.9239

Deuteranopia

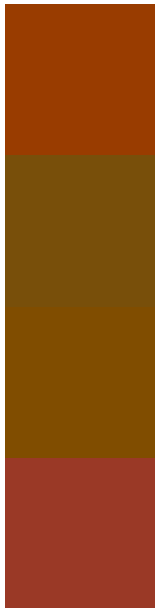
10.2672, 10.2330, 1.4340



Tritanopia

15.5300, 10.0141, 5.2521

Trichromacy



Original Color

14.7527, 10.0040, 1.1534

Protanomaly

10.5965, 9.6069, 1.5830

Deuteranomaly

11.5560, 9.8969, 1.3012

Tritanomaly

15.1394, 9.9362, 2.9537

Monochromacy



Original Color

14.7527, 10.0040, 1.1534

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.0658, 8.1388, 4.3419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7527, 10.0040, 1.1534 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(153, 60, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 60, 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(153, 60, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 60, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.7527, 10.0040, 1.1534 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(153, 60, 0) }
```


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

```
.border{ border-color:rgb(153, 60, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 60, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 60, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 60, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 60, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7527, 10.0040, 1.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 60, 0) }
```

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

```
.background{ background-color: rgb(153, 60,  
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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