

Converting Colors

XYZ(14.7175, 10.8363, 0.0000)

Have a look what the booklet for
XYZ(14.7175, 10.8363, 0.0000)
contains.

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Color

**XYZ(14.9527, 10.9596,
1.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	974600
RGB	151, 70, 0
RGB Percent	59%, 27%, 0%
CMY	0.4078, 0.7255, 1.0000
CMYK	0.00, 0.54, 1.00, 0.41
HSL	28°, 100%, 30%
HSV	28°, 100%, 59%
XYZ	14.9527, 10.9596, 1.3273
YIQ	86.2390, 70.7460, -4.5980

Conversions

Conversions Part 2

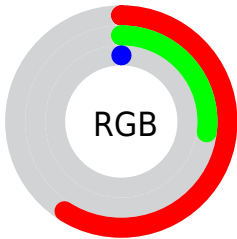
Format	Color
R_{YB}	151, 130, 0
Decimal	9913856
CIE _{Lab}	39.51, 30.64, 49.68
CIE _{LCh}	40, 58.370, 58.337
Yxy	10.9596, 0.5489, 0.4023
Android (android.graphics.Color)	4288103936 (0xFF974600)
YUV	86.2390, -42.5158, 56.7954
Hunter-Lab	33.1053, 22.6890, 20.7966

Details

The XYZ color **14.9527, 10.9596, 1.3273** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.5282, 8.1188, 30.3957**, and the grayscale version is **8.9738, 9.4411, 10.2814**.

A 20% lighter version of the original color is **34.2700, 27.5577, 7.1274**, and **4.8011, 2.9010, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **14.9529, 10.9601, 1.3274**, and if you desaturate by 10%, it is **15.5812, 12.0777, 1.9658**.

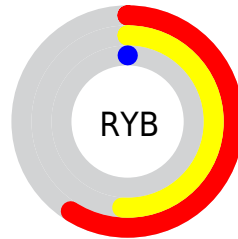
Distribution



Red (59%)

Green (27%)

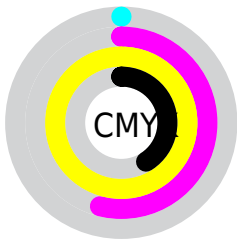
Blue (0%)



Red (59%)

Yellow (51%)

Blue (0%)

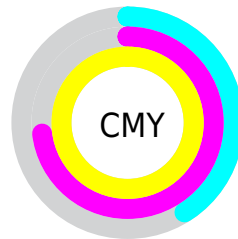


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9527, 10.9596, 1.3273 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 14.9527, 10.9596, 1.3273 by changing the saturation by 10% instead.


 14.9527, 10.9596,
1.3273


 14.9527, 10.9596,
1.3273


 216.4738,
197.3902, 110.8573


 8.8723, 6.0397,
0.0840


 34.3425, 27.5854,
7.1031


 4.7144, 2.8692,
0.0000

 48.3826, 40.0601,
12.7135


 2.1137, 1.0638,
0.0000

 65.8067, 55.8219,
20.6968

 0.6967, 0.0000,
0.0000

 86.9801, 75.2551,
31.4717


 0.0000, 0.0000,
0.0000


 112.2681, 98.7441,
45.4566


 142.0362,


126.6734, 63.0702


 176.6496,
159.4273, 84.7309


 14.9527, 10.9596,
1.3273


 14.9527, 10.9596,
1.3273


 14.9529, 10.9601,
1.3274

 15.5812, 12.0777,
1.9658

 16.3435, 13.3623,
2.9596

 17.2717, 14.8306,
4.4655

 18.3799, 16.4920,
6.5454

 19.6801, 18.3549,
9.2526

■ 21.1833, 20.4270,
12.6341

■ 22.8995, 22.7156,
16.7322

■ 24.8379, 25.2276,
21.5859

■ 27.0071, 27.9694,
27.2312

Harmonies

Analogous

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



18.6704, 10.9596, 4.2805



14.9527, 10.9596, 1.3273



10.6396, 10.9596, 0.6837

Triad

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



14.9527, 10.9596, 1.3273



4.5037, 10.9596, 11.3107



14.4704, 10.9596, 43.3102

Complementary

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



14.9527, 10.9596, 1.3273



8.5282, 8.1188, 30.3957

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.



10.1971, 10.9596, 49.7634



14.9527, 10.9596, 1.3273



5.0445, 10.9596, 25.5854

Square

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



14.9527, 10.9596, 1.3273



5.1822, 10.9596, 3.7500



6.9057, 10.9596, 41.8310



18.3458, 10.9596, 27.4538

Rectangle

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



14.9527, 10.9596, 1.3273



8.1978, 10.9596, 0.8892



6.9057, 10.9596, 41.8310



13.0039, 10.9596, 46.9690

Sweetspot

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



14.9529, 10.9602, 1.3275



40.8142, 40.4231, 29.4859



14.3258, 7.2047, 8.8295



8.9970, 8.8176, 6.0259



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.



14.9529, 10.9602, 1.3275



26.5996, 19.2697, 2.3175



22.6526, 26.3596, 3.8941



6.4330, 6.6710, 6.5544



12.7488, 9.3801, 1.1386



0.2265, 0.2120, 0.0290

Inverse Universe

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



8.5282, 8.1188, 30.3957



15.0881, 14.1704, 54.3736



5.6679, 2.3983, 29.4423



6.1451, 6.5475, 7.8689



7.2838, 6.9643, 25.8680



0.1453, 0.1769, 0.3989

Previews

White Background



This preview shows how the XYZ color 14.9527, 10.9596, 1.3273 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 14.9527, 10.9596, 1.3273

Background



This preview shows how black text looks on a background with the XYZ color 14.9527, 10.9596, 1.3273.



This preview shows how white text looks on a background with the XYZ color 14.9527, 10.9596,

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

14.9527, 10.9596, 1.3273

Protanopia

10.0258, 11.1013, 2.0298

Deuteranopia

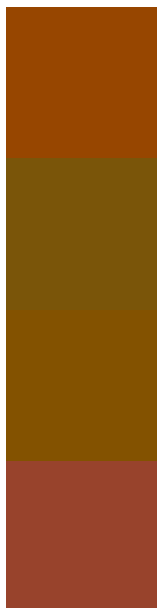
11.1801, 11.0667, 1.5468



Tritanopia

16.1013, 10.9826, 6.9014

Trichromacy



Original Color

14.9527, 10.9596, 1.3273

Protanomaly

11.3238, 10.6543, 1.7181

Deuteranomaly

12.3774, 10.8599, 1.4438

Tritanomaly

15.4107, 10.8716, 3.6691

Monochromacy



Original Color

14.9527, 10.9596, 1.3273

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.9887, 9.3282, 4.8885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9527, 10.9596, 1.3273 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(151, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 70, 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(151, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 70, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9527, 10.9596, 1.3273 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(151, 70, 0) }
```


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

```
.border{ border-color:rgb(151, 70, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 70, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9527, 10.9596, 1.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 70, 0) }
```

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

```
.background{ background-color: rgb(151, 70,  
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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