

Converting Colors

XYZ(14.6127, 13.1079, 1.7599)

Have a look what the booklet for
XYZ(14.6127, 13.1079, 1.7599)
contains.

XYZ(14.5563, 13.0576, 1.7532)	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(14.5563, 13.0576,
1.7532)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5B00
RGB	140, 91, 0
RGB Percent	55%, 36%, 0%
CMY	0.4510, 0.6431, 1.0000
CMYK	0.00, 0.35, 1.00, 0.45
HSL	39°, 100%, 27%
HSV	39°, 100%, 55%
XYZ	14.5563, 13.0576, 1.7532
YIQ	95.2770, 58.4150, -17.9130

Conversions

Conversions Part 2

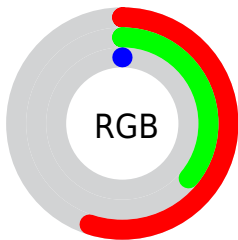
Format	Color
R_{YB}	75, 140, 0
Decimal	9198336
CIE Lab	42.85, 13.85, 50.96
CIE LCh	43, 52.810, 74.799
Yxy	13.0576, 0.4957, 0.4446
Android (android.graphics.Color)	4287388416 (0xFF8C5B00)
YUV	95.2770, -46.9716, 39.2221
Hunter-Lab	36.1353, 8.6680, 22.4181

Details

The XYZ color **14.5563, 13.0576, 1.7532** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.8320, 4.0902, 25.2928**, and the grayscale version is **11.0437, 11.6188, 12.6529**.

A 20% lighter version of the original color is **33.5773, 31.3610, 8.2866**, and **4.5945, 3.7616, 0.4839** is the 20% darker color. If you saturate the color by 10%, you get **14.5564, 13.0579, 1.7532**, and if you desaturate by 10%, it is **15.0685, 13.9553, 2.3151**.

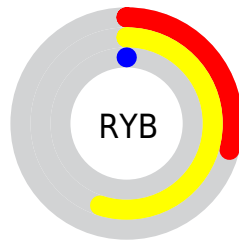
Distribution



Red (55%)

Green (36%)

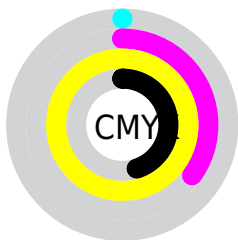
Blue (0%)



Red (29%)

Yellow (55%)

Blue (0%)

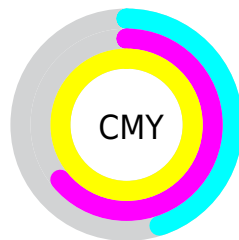


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5563, 13.0576, 1.7532 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 14.5563, 13.0576, 1.7532 by changing the saturation by 10% instead.

■ 14.5563, 13.0576,
1.7532

■ 14.5563, 13.0576,
1.7532

■ 214.1067,
211.2865, 118.4185

■ 8.5929, 7.4682,
0.3968

■ 33.6510, 31.4072,
8.3544

■ 4.5316, 3.7566,
0.0000

■ 47.5129, 44.9363,
14.5403

■ 2.0070, 1.5384,
0.0000

■ 64.7384, 61.8806,
23.2078

■ 0.6379, 0.3155,
0.0000


■ 85.6929, 82.6248,
34.7755


■ 0.0000, 0.0000,
0.0000


■ 110.7415,
107.5530, 49.6619


■ 140.2498,


137.0498, 68.2855


 174.5831,
171.4995, 91.0648


 14.5563, 13.0576,
1.7532


 14.5563, 13.0576,
1.7532


 14.5564, 13.0579,
1.7532

 15.0685, 13.9553,
2.3151

 15.6594, 14.9285,
3.1551

 16.3566, 15.9896,
4.4152

 17.1703, 17.1434,
6.1461

 18.1090, 18.3941,
8.3912

■ 19.1805, 19.7455,
11.1889

■ 20.3919, 21.2012,
14.5740

■ 21.7496, 22.7644,
18.5784

■ 23.2595, 24.4382,
23.2315

Harmonies

Analogous

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



18.7637, 13.0576, 3.6106



14.5563, 13.0576, 1.7532



10.5344, 13.0576, 1.7432

Triad

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



14.5563, 13.0576, 1.7532



6.3239, 13.0576, 20.6751



18.7130, 13.0576, 36.5036

Complementary

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



14.5563, 13.0576, 1.7532



5.8320, 4.0902, 25.2928

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.



14.4979, 13.0576, 48.2924



14.5563, 13.0576, 1.7532



7.6831, 13.0576, 36.2974

Square

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



14.5563, 13.0576, 1.7532



6.3328, 13.0576, 9.1549



10.4873, 13.0576, 48.2013



21.4945, 13.0576, 20.8689

Rectangle

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



14.5563, 13.0576, 1.7532



8.4919, 13.0576, 2.6693



10.4873, 13.0576, 48.2013



17.3810, 13.0576, 41.3477

Sweetspot

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



14.5566, 13.0583, 1.7534



35.8088, 37.2102, 25.2832



11.3696, 5.7973, 3.4259



8.0625, 8.3498, 5.2908



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.



14.5566, 13.0583, 1.7534



25.5093, 22.7127, 3.0395



16.9858, 22.6780, 3.4822



5.2862, 5.5552, 5.3460



12.9530, 11.6404, 1.5641



0.0998, 0.1049, 0.0150

Inverse Universe

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



5.8320, 4.0902, 25.2928



10.1434, 6.9338, 44.5467



5.0430, 2.0530, 24.9412



4.9085, 5.1600, 6.3431



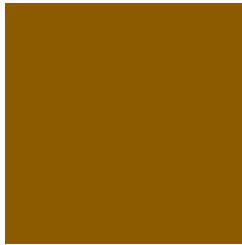
5.1990, 3.6684, 22.4797



0.0473, 0.0499, 0.1536

Previews

White Background



This preview shows how the XYZ color 14.5563, 13.0576, 1.7532 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 14.5563, 13.0576, 1.7532 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 14.5563, 13.0576, 1.7532

Background



This preview shows how black text looks on a background with the XYZ color 14.5563, 13.0576, 1.7532.



This preview shows how white text looks on a background with the XYZ color 14.5563, 13.0576,

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

14.5563, 13.0576, 1.7532

Protanopia

11.8764, 13.1695, 2.2032

Deuteranopia

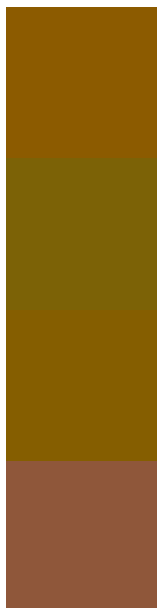
13.2361, 13.0329, 1.8180



Tritanopia

16.6384, 13.1816, 11.5649

Trichromacy



Original Color

14.5563, 13.0576, 1.7532

Protanomaly

12.7127, 13.0336, 2.0180

Deuteranomaly

13.6756, 12.9920, 1.7869

Tritanomaly

15.4996, 12.9615, 5.6879

Monochromacy



Original Color

14.5563, 13.0576, 1.7532

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.3739, 11.7112, 5.9360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5563, 13.0576, 1.7532 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(140, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 91, 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(140, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 91, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5563, 13.0576, 1.7532 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(140, 91, 0) }
```


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

```
.border{ border-color:rgb(140, 91, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 91, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5563, 13.0576, 1.7532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 91, 0) }
```

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

```
.background{ background-color: rgb(140, 91,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor