

Converting Colors

XYZ(14.0683, 10.3014, 1.4281)

Have a look what the booklet for
XYZ(14.0683, 10.3014, 1.4281)
contains.

XYZ(14.1326, 10.3504, 1.4253)	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(14.1326, 10.3504,
1.4253)**

Conversions

Conversions Part 1

Format	Color
Hex	934406
RGB	147, 68, 6
RGB Percent	58%, 27%, 2%
CMY	0.4235, 0.7333, 0.9765
CMYK	0.00, 0.54, 0.96, 0.42
HSL	26°, 92%, 30%
HSV	26°, 96%, 58%
XYZ	14.1326, 10.3504, 1.4253
YIQ	84.5530, 66.9860, -2.5340

Conversions

Conversions Part 2

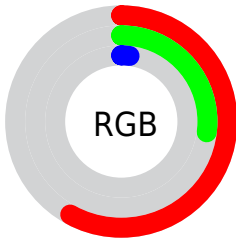
Format	Color
R_{YB}	147, 117, 6
Decimal	9651206
CIE _{Lab}	38.46, 30.13, 46.77
CIE _{LCh}	38, 55.634, 57.209
Yxy	10.3504, 0.5455, 0.3995
Android (android.graphics.Color)	4287841286 (0xFF934406)
YUV	84.5530, -38.7266, 54.7660
Hunter-Lab	32.1720, 22.1108, 19.8937

Details

The XYZ color **14.1326, 10.3504, 1.4253** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.5900, 8.6421, 28.8189**, and the grayscale version is **8.6101, 9.0585, 9.8647**.

A 20% lighter version of the original color is **32.9743, 26.5278, 7.3854**, and **4.3700, 2.6242, 0.2762** is the 20% darker color. If you saturate the color by 10%, you get **13.9023, 9.9425, 1.1864**, and if you desaturate by 10%, it is **14.7662, 11.4581, 2.1286**.

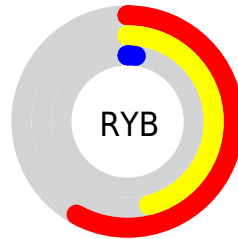
Distribution



Red (58%)

Green (27%)

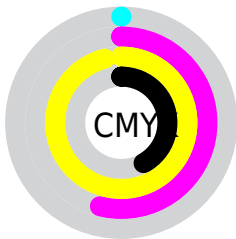
Blue (2%)



Red (58%)

Yellow (46%)

Blue (2%)

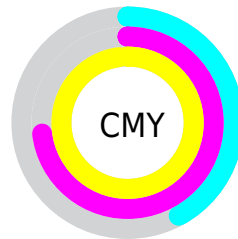


Cyan (0%)

Magenta (54%)

Yellow (96%)

Black (42%)



Cyan (42%)


Magenta (73%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1326, 10.3504, 1.4253 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 14.1326, 10.3504, 1.4253 by changing the saturation by 10% instead.


 14.1326, 10.3504,
1.4253

 14.1326, 10.3504,
1.4253


 211.5483,
193.1550, 112.6956


 8.2953, 5.6319,
0.1613


 32.9084, 26.4525,
7.3999


 4.3378, 2.6226,
0.0000

 46.5776, 38.6049,
13.1499


 1.8950, 0.9380,
0.0000

 63.5882, 54.0041,
21.2998

 0.5739, 0.0000,
0.0000


 84.3054, 73.0344,
32.2680


 0.0000, 0.0000,
0.0000


 109.0947, 96.0802,
46.4731


 138.3213,


123.5260, 64.3338


 172.3508,
155.7561, 86.2684


 14.1326, 10.3504,
1.4253


 14.1326, 10.3504,
1.4253


 13.9023, 9.9425,
1.1864

 14.7662, 11.4581,
2.1286

 15.5494, 12.7416,
3.2616

 16.4996, 14.2125,
4.9031

 17.6296, 15.8797,
7.1072

 18.9505, 17.7515,
9.9213

■ 20.4724, 19.8355,
13.3873

■ 22.2046, 22.1389,
17.5438

■ 24.1557, 24.6685,
22.4260

■ 26.3340, 27.4308,
28.0669

Harmonies

Analogous

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



17.4610, 10.3504, 4.3682



14.1326, 10.3504, 1.4253



10.1823, 10.3504, 0.7515

Triad

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



14.1326, 10.3504, 1.4253



4.3750, 10.3504, 10.3222



13.3947, 10.3504, 40.1189

Complementary

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



14.1326, 10.3504, 1.4253



8.5900, 8.6421, 28.8189

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.



9.5010, 10.3504, 45.4511



14.1326, 10.3504, 1.4253



4.8364, 10.3504, 23.1334

Square

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



14.1326, 10.3504, 1.4253



5.0517, 10.3504, 3.5301



6.5152, 10.3504, 37.8873



16.9664, 10.3504, 25.9712

Rectangle

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



14.1326, 10.3504, 1.4253



7.9102, 10.3504, 0.9210



6.5152, 10.3504, 37.8873



12.0554, 10.3504, 43.2751

Sweetspot

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



14.1328, 10.3510, 1.4255



38.5790, 38.0831, 28.5309



13.7734, 7.0036, 9.4092



8.5331, 8.3290, 5.8583



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.1328, 10.3510, 1.4255



24.7268, 17.4649, 2.0678



21.0966, 24.2785, 3.7467



5.9981, 6.2100, 6.1230



12.0766, 8.6675, 1.0365



0.1764, 0.1632, 0.0222

Inverse Universe

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



8.5900, 8.6421, 28.8189



14.7049, 14.3194, 51.4235



5.5182, 2.4985, 27.7949



5.7528, 6.1395, 7.3516



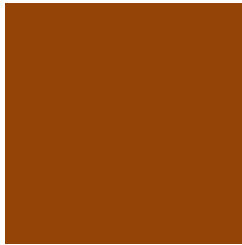
7.2300, 7.1549, 24.9310



0.1179, 0.1464, 0.3149

Previews

White Background



This preview shows how the XYZ color 14.1326, 10.3504, 1.4253 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

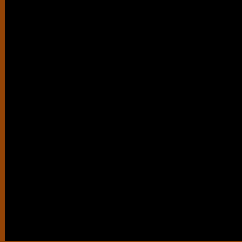
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1326, 10.3504, 1.4253

Background



This preview shows how black text looks on a background with the XYZ color 14.1326, 10.3504, 1.4253.



This preview shows how white text looks on a background with the XYZ color 14.1326, 10.3504,

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

14.1326, 10.3504, 1.4253

Protanopia

9.5069, 10.5723, 1.9915

Deuteranopia

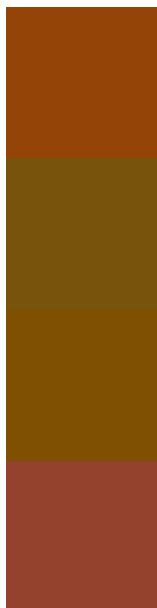
10.4784, 10.4612, 1.4669



Tritanopia

15.1851, 10.3498, 6.5076

Trichromacy



Original Color

14.1326, 10.3504, 1.4253

Protanomaly

10.7674, 10.1350, 1.7366

Deuteranomaly

11.6320, 10.2537, 1.4235

Tritanomaly

14.5767, 10.2660, 3.6959

Monochromacy



Original Color

14.1326, 10.3504, 1.4253

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.6941, 9.0656, 4.9803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1326, 10.3504, 1.4253 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(147, 68, 6)` looks like.

```
.text, #text, p{  
    color:rgb(147, 68, 6)  
}
```

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(147, 68, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 68, 6) }
```

Border

The CSS property to change the border of an element to XYZ 14.1326, 10.3504, 1.4253 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(147, 68, 6) }
```


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

```
.border{ border-color:rgb(147, 68, 6) }
```

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

Here you see how a box with a 4 pixel rgb(147, 68, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 68, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 68, 6);  
box-shadow:4px 4px 4px 4px rgb(147, 68, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1326, 10.3504, 1.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 68, 6) }
```

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

```
.background{ background-color: rgb(147, 68,  
6) }
```

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