

Converting Colors

XYZ(14.7972, 13.5518, 3.0753)

Have a look what the booklet for
XYZ(14.7972, 13.5518, 3.0753)
contains.

XYZ(14.7183, 13.5024, 3.0588)	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(14.7183, 13.5024,
3.0588)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5E1E
RGB	138, 94, 30
RGB Percent	54%, 37%, 12%
CMY	0.4588, 0.6314, 0.8823
CMYK	0.00, 0.32, 0.78, 0.46
HSL	36°, 64%, 33%
HSV	36°, 78%, 54%
XYZ	14.7183, 13.5024, 3.0588
YIQ	99.8600, 46.7680, -10.5760

Conversions

Conversions Part 2

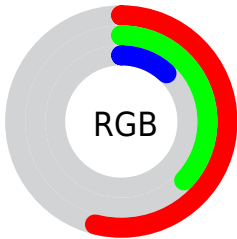
Format	Color
RYB	104, 138, 30
Decimal	9068062
CIELab	43.51, 11.99, 41.81
CIELCh	44, 43.491, 74.000
Yxy	13.5024, 0.4705, 0.4317
Android (android.graphics.Color)	4287258142 (0xFF8A5E1E)
YUV	99.8600, -34.4410, 33.4488
Hunter-Lab	36.7456, 7.1926, 20.7865

Details

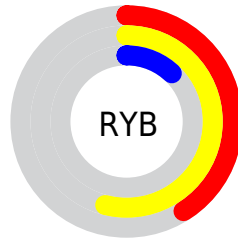
The XYZ color **14.7183, 13.5024, 3.0588** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.5716, 7.0084, 24.9984**, and the grayscale version is **12.1544, 12.7874, 13.9255**.

A 20% lighter version of the original color is **33.8902, 32.1131, 11.8094**, and **4.7131, 3.9987, 0.5234** is the 20% darker color. If you saturate the color by 10%, you get **14.0974, 12.4836, 2.1647**, and if you desaturate by 10%, it is **15.4535, 14.6263, 4.3721**.

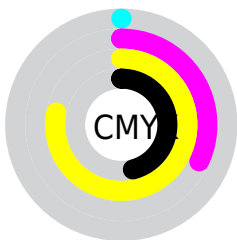
Distribution



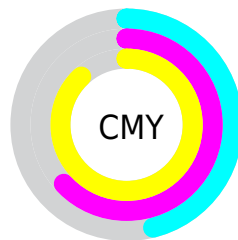
- Red (54%)
- Green (37%)
- Blue (12%)



- Red (41%)
- Yellow (54%)
- Blue (12%)



- Cyan (0%)
- Magenta (32%)
- Yellow (78%)
- Black (46%)



- Cyan (46%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7183, 13.5024, 3.0588 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 14.7183, 13.5024, 3.0588 by changing the saturation by 10% instead.

■ 14.7183, 13.5024,
3.0588

■ 14.7183, 13.5024,
3.0588

215.0771,
214.1129, 137.1060

■ 8.7069, 7.7754,
1.1247

■ 33.9340, 32.2035,
11.7732

■ 4.6061, 3.9516,
0.0000

■ 47.8690, 45.9463,
19.3906

■ 2.0504, 1.6465,
0.0000

■ 65.1759, 63.1299,
29.7395

■ 0.6620, 0.3887,
0.0000

■ 86.2202, 84.1387,
43.2385

■ 0.0000, 0.0000,
0.0000

■ 111.3671,
109.3569, 60.3061

■ 140.9819,

139.1691, 81.3609

175.4302,
173.9596, 106.8214

14.7183, 13.5024,
3.0588

14.7183, 13.5024,
3.0588

14.0974, 12.4836,
2.1647

15.4535, 14.6263,
4.3721

13.5693, 11.5584,
1.5848

16.3117, 15.8583,
6.1514

13.4820, 11.4049,
1.4908

17.3017, 17.2037,
8.4379

18.4311, 18.6667,
11.2681

19.7068, 20.2510,
14.6751

■ 21.1353, 21.9603,
18.6893

■ 22.7225, 23.7981,
23.3389

■ 24.4740, 25.7676,
28.6504

■ 26.3952, 27.8719,
34.6489

Harmonies

Analogous

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



18.1252, 13.5024, 5.1638



14.7183, 13.5024, 3.0588



11.3183, 13.5024, 2.9999

Triad

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



14.7183, 13.5024, 3.0588



7.4847, 13.5024, 19.7042



17.9232, 13.5024, 32.6669

Complementary

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



14.7183, 13.5024, 3.0588



7.5716, 7.0084, 24.9984

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.



14.4785, 13.5024, 41.3245



14.7183, 13.5024, 3.0588



8.6874, 13.5024, 31.8875

Square

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



14.7183, 13.5024, 3.0588



7.5259, 13.5024, 10.1274



11.1171, 13.5024, 40.9891



20.1867, 13.5024, 20.4803

Rectangle

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



14.7183, 13.5024, 3.0588



9.5185, 13.5024, 4.0114



11.1171, 13.5024, 40.9891



16.8409, 13.5024, 36.2848

Sweetspot

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



14.7186, 13.5031, 3.0591



35.9031, 37.1046, 29.1042



12.2156, 6.8399, 7.3332



7.8777, 8.1114, 6.0398



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.7186, 13.5031, 3.0591



24.1254, 20.7311, 3.0378



18.3761, 22.9378, 4.6874



5.2630, 5.5089, 5.3383



12.3757, 10.4858, 1.3717



0.0966, 0.0985, 0.0139

Inverse Universe

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



7.5716, 7.0084, 24.9984



11.0210, 8.9049, 43.5211



5.8885, 3.1950, 24.3510



4.9310, 5.2050, 6.3506



5.5261, 4.3225, 22.5888



0.0505, 0.0563, 0.1547

Previews

White Background



This preview shows how the XYZ color 14.7183, 13.5024, 3.0588 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 14.7183, 13.5024, 3.0588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

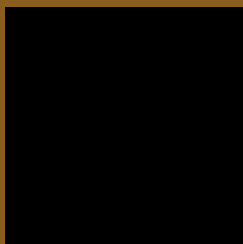
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7183, 13.5024, 3.0588

Background



This preview shows how black text looks on a background with the XYZ color 14.7183, 13.5024, 3.0588.



This preview shows how white text looks on a background with the XYZ color 14.7183, 13.5024,

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

14.7183, 13.5024, 3.0588

Protanopia

12.3134, 13.5178, 3.3267

Deuteranopia

13.7832, 13.5650, 2.9905



Tritanopia

16.6654, 13.5384, 12.3245

Trichromacy



Original Color

14.7183, 13.5024, 3.0588

Protanomaly

13.1167, 13.4984, 3.2104

Deuteranomaly

14.1693, 13.6246, 3.0454

Tritanomaly

15.7780, 13.4300, 7.7219

Monochromacy



Original Color

14.7183, 13.5024, 3.0588

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5771, 12.8208, 8.4684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7183, 13.5024, 3.0588 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(138, 94, 30)` looks like.

```
.text, #text, p{  
    color:rgb(138, 94, 30)  
}
```

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(138, 94, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 94, 30) }
```

Border

The CSS property to change the border of an element to XYZ 14.7183, 13.5024, 3.0588 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(138, 94, 30) }
```


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

```
.border{ border-color:rgb(138, 94, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 94, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 94, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 94, 30);  
box-shadow:4px 4px 4px 4px rgb(138, 94,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7183, 13.5024, 3.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 94, 30) }
```

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

```
.background{ background-color: rgb(138, 94,  
30) }
```

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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