

Converting Colors

XYZ(14.3037, 13.7402, 2.9210)

Have a look what the booklet for
XYZ(14.3037, 13.7402, 2.9210)
contains.

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Color

**XYZ(14.3040, 13.6969,
2.9268)**

Conversions

Conversions Part 1

Format	Color
Hex	86611B
RGB	134, 97, 27
RGB Percent	53%, 38%, 11%
CMY	0.4745, 0.6196, 0.8941
CMYK	0.00, 0.28, 0.80, 0.47
HSL	39°, 66%, 32%
HSV	39°, 80%, 53%
XYZ	14.3040, 13.6969, 2.9268
YIQ	100.0830, 44.5220, -13.9260

Conversions

Conversions Part 2

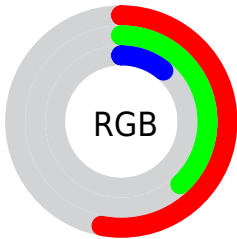
Format	Color
R_{YB}	84, 134, 27
Decimal	8806683
CIE _{Lab}	43.80, 8.22, 43.18
CIE _{LCh}	44, 43.959, 79.225
Yxy	13.6969, 0.4625, 0.4429
Android (android.graphics.Color)	4286996763 (0xFF86611B)
YUV	100.0830, -36.0299, 29.7452
Hunter-Lab	37.0093, 4.2234, 21.2177

Details

The XYZ color **14.3040, 13.6969, 2.9268** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.5883, 5.6208, 23.2916**, and the grayscale version is **12.2158, 12.8520, 13.9958**.

A 20% lighter version of the original color is **33.2241, 32.4656, 11.3529**, and **4.4921, 4.0731, 0.5494** is the 20% darker color. If you saturate the color by 10%, you get **13.7673, 12.8177, 2.1499**, and if you desaturate by 10%, it is **14.9371, 14.6558, 4.0852**.

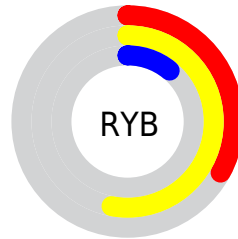
Distribution



Red (53%)

Green (38%)

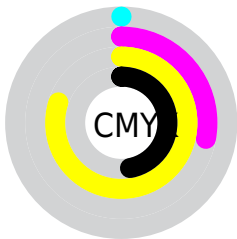
Blue (11%)



Red (33%)

Yellow (53%)

Blue (11%)

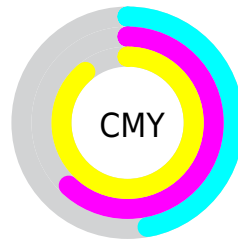


Cyan (0%)

Magenta (28%)

Yellow (80%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3040, 13.6969, 2.9268 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 14.3040, 13.6969, 2.9268 by changing the saturation by 10% instead.

■ 14.3040, 13.6969,
2.9268

■ 14.3040, 13.6969,
2.9268

212.5869,
215.3370, 135.4228

■ 8.4155, 7.9102,
1.0574

■ 33.2092, 32.5502,
11.4473

■ 4.4160, 4.0375,
0.0000

■ 46.9567, 46.3856,
18.9354

■ 1.9401, 1.6946,
0.0000

■ 64.0546, 63.6727,
29.1335

■ 0.6000, 0.4201,
0.0000

■ 84.8681, 84.7959,
42.4602

■ 0.0000, 0.0000,
0.0000

■ 109.7628,
110.1395, 59.3339

■ 139.1039,

140.0879, 80.1732

173.2568,
175.0256, 105.3966

14.3040, 13.6969,
2.9268

14.3040, 13.6969,
2.9268

13.7673, 12.8177,
2.1499

14.9371, 14.6558,
4.0852

13.3007, 12.0052,
1.6220

15.6745, 15.6967,
5.6694

13.2939, 11.9933,
1.6143

16.5245, 16.8238,
7.7185

17.4938, 18.0406,
10.2668

18.5888, 19.3503,
13.3455

■ 19.8151, 20.7557,
16.9830

■ 21.1782, 22.2595,
21.2059

■ 22.6832, 23.8645,
26.0390

■ 24.3348, 25.5729,
31.5056

Harmonies

Analogous

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



17.8715, 13.6969, 4.6296



14.3040, 13.6969, 2.9268



10.9460, 13.6969, 3.1794

Triad

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



14.3040, 13.6969, 2.9268



7.6873, 13.6969, 22.1184



18.7424, 13.6969, 31.1644

Complementary

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



14.3040, 13.6969, 2.9268



6.5883, 5.6208, 23.2916

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.



15.3373, 13.6969, 41.1526



14.3040, 13.6969, 2.9268



9.1347, 13.6969, 34.5271

Square

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



14.3040, 13.6969, 2.9268



7.5099, 13.6969, 11.6237



11.8124, 13.6969, 42.6004



20.7199, 13.6969, 18.7721

Rectangle

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



14.3040, 13.6969, 2.9268



9.2442, 13.6969, 4.4791



11.8124, 13.6969, 42.6004



17.7014, 13.6969, 35.1112

Sweetspot

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



14.3043, 13.6976, 2.9271



33.8723, 35.3900, 26.7981



11.1617, 6.2276, 5.5319



7.4848, 7.8045, 5.6059



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.3043, 13.6976, 2.9271



23.5876, 21.3999, 3.0866



16.1872, 20.9771, 4.2329



4.9078, 5.1591, 4.9665



12.4687, 11.2601, 1.5162



0.0500, 0.0527, 0.0075

Inverse Universe

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



6.5883, 5.6208, 23.2916



9.5297, 6.7999, 40.5487



5.6935, 3.0199, 22.8367



4.5564, 4.7885, 5.8849



4.9697, 3.4872, 21.5479



0.0235, 0.0247, 0.0768

Previews

White Background



This preview shows how the XYZ color 14.3040, 13.6969, 2.9268 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 14.3040, 13.6969, 2.9268 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 14.3040, 13.6969, 2.9268

Background



This preview shows how black text looks on a background with the XYZ color 14.3040, 13.6969, 2.9268.



This preview shows how white text looks on a background with the XYZ color 14.3040, 13.6969,

2.9268.

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

14.3040, 13.6969, 2.9268

Protanopia

12.5082, 13.7712, 3.1613

Deuteranopia

14.0084, 13.8236, 2.9072



Tritanopia

16.3800, 13.7485, 13.0997

Trichromacy



Original Color

14.3040, 13.6969, 2.9268

Protanomaly

13.0317, 13.6022, 3.0372

Deuteranomaly

14.0699, 13.7155, 2.8831

Tritanomaly

15.4006, 13.6149, 7.9471

Monochromacy



Original Color

14.3040, 13.6969, 2.9268

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.3465, 12.8495, 8.1328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3040, 13.6969, 2.9268 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(134, 97, 27)` looks like.

```
.text, #text, p{  
    color:rgb(134, 97, 27)  
}
```

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(134, 97, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 97, 27) }
```

Border

The CSS property to change the border of an element to XYZ 14.3040, 13.6969, 2.9268 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(134, 97, 27) }
```


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

```
.border{ border-color:rgb(134, 97, 27) }
```

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

Here you see how a box with a 4 pixel rgb(134, 97, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 97, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 97, 27);  
box-shadow:4px 4px 4px 4px rgb(134, 97,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3040, 13.6969, 2.9268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 97, 27) }
```

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

```
.background{ background-color: rgb(134, 97,  
27) }
```

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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