

Converting Colors

XYZ(14.2623, 13.8106, 3.0764)

Have a look what the booklet for
XYZ(14.2623, 13.8106, 3.0764)
contains.

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Color

**XYZ(14.2623, 13.8106,
3.0764)**

Conversions

Conversions Part 1

Format	Color
Hex	85621D
RGB	133, 98, 29
RGB Percent	52%, 38%, 11%
CMY	0.4784, 0.6157, 0.8863
CMYK	0.00, 0.26, 0.78, 0.48
HSL	40°, 64%, 32%
HSV	40°, 78%, 52%
XYZ	14.2623, 13.8106, 3.0764
YIQ	100.5990, 43.0090, -14.0390

Conversions

Conversions Part 2

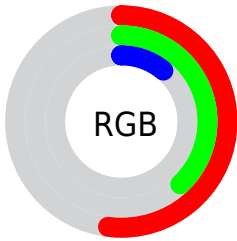
Format	Color
R_{YB}	82, 133, 29
Decimal	8741405
CIE _{Lab}	43.96, 7.25, 42.46
CIE _{LCh}	44, 43.079, 80.313
Yxy	13.8106, 0.4579, 0.4434
Android (android.graphics.Color)	4286931485 (0xFF85621D)
YUV	100.5990, -35.2983, 28.4157
Hunter-Lab	37.1626, 3.4703, 21.1057

Details

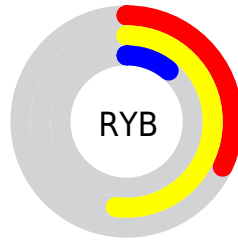
The XYZ color **14.2623, 13.8106, 3.0764** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.5736, 5.6213, 22.9287**, and the grayscale version is **12.3468, 12.9898, 14.1459**.

A 20% lighter version of the original color is **32.9513, 32.5487, 11.7535**, and **4.5363, 4.1615, 0.5642** is the 20% darker color. If you saturate the color by 10%, you get **13.7250, 12.9448, 2.2538**, and if you desaturate by 10%, it is **14.8947, 14.7531, 4.2815**.

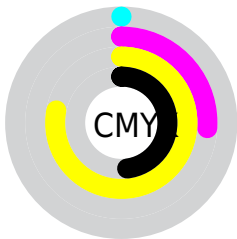
Distribution



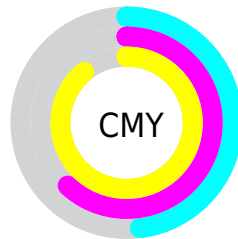
- Red (52%)
- Green (38%)
- Blue (11%)



- Red (32%)
- Yellow (52%)
- Blue (11%)



- Cyan (0%)
- Magenta (26%)
- Yellow (78%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2623, 13.8106, 3.0764 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 14.2623, 13.8106, 3.0764 by changing the saturation by 10% instead.

■ 14.2623, 13.8106,
3.0764

■ 14.2623, 13.8106,
3.0764

212.3347,
216.0494, 137.3278

■ 8.3862, 7.9891,
1.1338

■ 33.1361, 32.7526,
11.8164

■ 4.3970, 4.0879,
0.0000

■ 46.8646, 46.6418,
19.4508

■ 1.9291, 1.7229,
0.0000

■ 63.9412, 63.9891,
29.8196

■ 0.5936, 0.4384,
0.0000

■ 84.7314, 85.1787,
43.3413

■ 0.0000, 0.0000,
0.0000

■ 109.6005,
110.5952, 60.4344

■ 138.9138,

140.6229, 81.5175

173.0368,
175.6461, 107.0091

14.2623, 13.8106,
3.0764

14.2623, 13.8106,
3.0764

13.7250, 12.9448,
2.2538

14.8947, 14.7531,
4.2815

13.2627, 12.1453,
1.7142

15.6299, 15.7741,
5.9115

13.1826, 12.0061,
1.6226

16.4754, 16.8780,
8.0037

17.4380, 18.0679,
10.5914

18.5237, 19.3467,
13.7045

■ 19.7380, 20.7174,
17.3707

■ 21.0861, 22.1824,
21.6157

■ 22.5729, 23.7443,
26.4637

■ 24.2030, 25.4053,
31.9372

Harmonies

Analogous

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



17.7802, 13.8106, 4.7142



14.2623, 13.8106, 3.0764



10.9772, 13.8106, 3.4000

Triad

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



14.2623, 13.8106, 3.0764



7.8830, 13.8106, 22.5528



18.8534, 13.8106, 30.5198

Complementary

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



14.2623, 13.8106, 3.0764



6.5736, 5.6213, 22.9287

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.



15.5396, 13.8106, 40.4536



14.2623, 13.8106, 3.0764



9.3653, 13.8106, 34.6384

Square

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



14.2623, 13.8106, 3.0764



7.6612, 13.8106, 12.0909



12.0528, 13.8106, 42.2216



20.7182, 13.8106, 18.4275

Rectangle

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



14.2623, 13.8106, 3.0764



9.3215, 13.8106, 4.7754



12.0528, 13.8106, 42.2216



17.8475, 13.8106, 34.4087

Sweetspot

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



14.2626, 13.8113, 3.0767



34.1589, 35.7722, 27.4828



11.0780, 6.2517, 5.6850



7.5460, 7.8888, 5.7436



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.



14.2626, 13.8113, 3.0767



23.9227, 22.0397, 3.2920



15.9992, 20.6733, 4.3096



4.9112, 5.1660, 4.9677



12.5644, 11.4513, 1.5481



0.0503, 0.0532, 0.0076

Inverse Universe

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



6.5736, 5.6213, 22.9287



9.6167, 6.9095, 40.5652



5.7378, 3.1212, 22.4901



4.5531, 4.7818, 5.8838



4.9245, 3.3968, 21.5328



0.0233, 0.0242, 0.0767

Previews

White Background



This preview shows how the XYZ color 14.2623, 13.8106, 3.0764 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 14.2623, 13.8106, 3.0764 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 14.2623, 13.8106, 3.0764

Background



This preview shows how black text looks on a background with the XYZ color 14.2623, 13.8106, 3.0764.



This preview shows how white text looks on a background with the XYZ color 14.2623, 13.8106,

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

14.2623, 13.8106, 3.0764

Protanopia

12.5338, 13.7815, 3.2958

Deuteranopia

14.0437, 13.8377, 3.0932



Tritanopia

16.3483, 13.8545, 13.3678

Trichromacy



Original Color

14.2623, 13.8106, 3.0764

Protanomaly

13.1541, 13.8074, 3.2001

Deuteranomaly

14.1993, 13.9179, 3.1004

Tritanomaly

15.3586, 13.7207, 8.1422

Monochromacy



Original Color

14.2623, 13.8106, 3.0764

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.6372, 13.1331, 8.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2623, 13.8106, 3.0764 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(133, 98, 29)` looks like.

```
.text, #text, p{  
    color:rgb(133, 98, 29)  
}
```

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(133, 98, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 98, 29) }
```

Border

The CSS property to change the border of an element to XYZ 14.2623, 13.8106, 3.0764 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(133, 98, 29) }
```


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

```
.border{ border-color:rgb(133, 98, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 98, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 98, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 98, 29);  
box-shadow:4px 4px 4px 4px rgb(133, 98,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2623, 13.8106, 3.0764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 98, 29) }
```

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

```
.background{ background-color: rgb(133, 98,  
29) }
```

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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