

Converting Colors

XYZ(14.3782, 13.6327, 2.4240)

Have a look what the booklet for
XYZ(14.3782, 13.6327, 2.4240)
contains.

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Color

**XYZ(14.4374, 13.6405,
2.4023)**

Conversions

Conversions Part 1

Format	Color
Hex	886011
RGB	136, 96, 17
RGB Percent	53%, 38%, 7%
CMY	0.4667, 0.6235, 0.9333
CMYK	0.00, 0.29, 0.87, 0.47
HSL	40°, 78%, 30%
HSV	40°, 87%, 53%
XYZ	14.4374, 13.6405, 2.4023
YIQ	98.9540, 49.1990, -16.0890

Conversions

Conversions Part 2

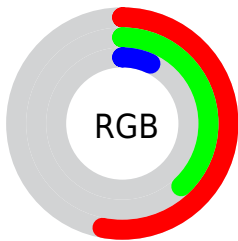
Format	Color
R_{YB}	77, 136, 17
Decimal	8937489
CIE Lab	43.71, 9.40, 46.86
CIE LCh	44, 47.792, 78.660
Yxy	13.6405, 0.4737, 0.4475
Android (android.graphics.Color)	4287127569 (0xFF886011)
YUV	98.9540, -40.4033, 32.4893
Hunter-Lab	36.9330, 5.1441, 21.9966

Details

The XYZ color **14.4374, 13.6405, 2.4023** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.1382, 4.8230, 23.8997**, and the grayscale version is **11.9385, 12.5602, 13.6781**.

A 20% lighter version of the original color is **33.3454, 32.3249, 10.1121**, and **4.6203, 4.0750, 0.5430** is the 20% darker color. If you saturate the color by 10%, you get **13.9501, 12.7981, 1.8328**, and if you desaturate by 10%, it is **15.0079, 14.5561, 3.2878**.

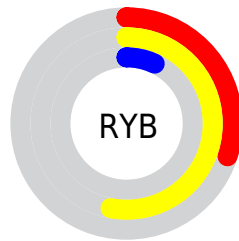
Distribution



Red (53%)

Green (38%)

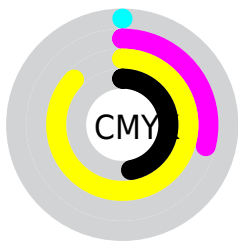
Blue (7%)



Red (30%)

Yellow (53%)

Blue (7%)

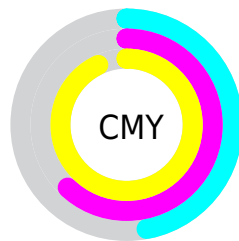


Cyan (0%)

Magenta (29%)

Yellow (87%)

Black (47%)



Cyan (47%)


Magenta (62%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4374, 13.6405, 2.4023 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 14.4374, 13.6405, 2.4023 by changing the saturation by 10% instead.


 14.4374, 13.6405,
2.4023


 14.4374, 13.6405,
2.4023


213.3918,
214.9827, 128.3405


 8.5092, 7.8711,
0.7877


 33.4430, 32.4498,
10.1141


 4.4770, 4.0126,
0.0000

 47.2511, 46.2584,
17.0588


 1.9754, 1.6806,
0.0000

 64.4165, 63.5155,
26.6210

 0.6201, 0.4110,
0.0000

 85.3047, 84.6056,
39.2190

 0.0000, 0.0000,
0.0000

 110.2810,
109.9129, 55.2714

 139.7107,

139.8220, 75.1967

■ 173.9592,
174.7171, 99.4136

■ 14.4374, 13.6405,
2.4023

■ 14.4374, 13.6405,
2.4023

■ 13.9501, 12.7981,
1.8328

■ 15.0079, 14.5561,
3.2878

■ 13.8338, 12.5953,
1.7020

■ 15.6782, 15.5506,
4.5783

■ 16.4575, 16.6287,
6.3192

■ 17.3535, 17.7941,
8.5495

■ 18.3732, 19.0504,
11.3039

■ 19.5230, 20.4004,
14.6141

■ 20.8086, 21.8473,
18.5091

■ 22.2356, 23.3937,
23.0159

■ 23.8091, 25.0423,
28.1599

Harmonies

Analogous

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



18.3442, 13.6405, 4.1065



14.4374, 13.6405, 2.4023



10.7887, 13.6405, 2.6110

Triad

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



14.4374, 13.6405, 2.4023



7.2556, 13.6405, 22.5017



19.1784, 13.6405, 33.1313

Complementary

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



14.4374, 13.6405, 2.4023



6.1382, 4.8230, 23.8997

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.



15.4157, 13.6405, 44.3305



14.4374, 13.6405, 2.4023



8.7557, 13.6405, 36.4229

Square

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



14.4374, 13.6405, 2.4023



7.0947, 13.6405, 11.1452



11.5961, 13.6405, 45.7627



21.4134, 13.6405, 19.3016

Rectangle

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



14.4374, 13.6405, 2.4023



8.9563, 13.6405, 3.8483



11.5961, 13.6405, 45.7627



18.0201, 13.6405, 37.5651

Sweetspot

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



14.4377, 13.6412, 2.4026



34.6067, 36.1826, 26.3506



11.1342, 5.9474, 4.6517



7.8670, 8.2096, 5.6676



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.



14.4377, 13.6412, 2.4026



24.2326, 21.9031, 2.9505



16.3969, 21.5107, 3.8183



5.2918, 5.5665, 5.3479



13.1022, 11.9388, 1.6139



0.1006, 0.1064, 0.0152

Inverse Universe

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



6.1382, 4.8230, 23.8997



9.4026, 6.2748, 41.7639



5.3326, 2.5334, 23.5002



4.9031, 5.1492, 6.3413



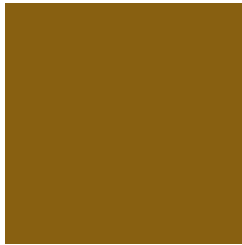
5.1280, 3.5264, 22.4561



0.0465, 0.0484, 0.1533

Previews

White Background



This preview shows how the XYZ color 14.4374, 13.6405, 2.4023 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 14.4374, 13.6405, 2.4023 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 14.4374, 13.6405, 2.4023

Background



This preview shows how black text looks on a background with the XYZ color 14.4374, 13.6405, 2.4023.



This preview shows how white text looks on a background with the XYZ color 14.4374, 13.6405,

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

14.4374, 13.6405, 2.4023

Protanopia

12.4040, 13.7296, 2.6124

Deuteranopia

13.8140, 13.5951, 2.3480



Tritanopia

16.4989, 13.5647, 12.8150

Trichromacy



Original Color

14.4374, 13.6405, 2.4023

Protanomaly

13.0750, 13.6361, 2.5152

Deuteranomaly

14.0411, 13.5733, 2.3701

Tritanomaly

15.4877, 13.5485, 7.1090

Monochromacy



Original Color

14.4374, 13.6405, 2.4023

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.1240, 12.6098, 7.4252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4374, 13.6405, 2.4023 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(136, 96, 17)` looks like.

```
.text, #text, p{  
    color:rgb(136, 96, 17)  
}
```

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(136, 96, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 96, 17) }
```

Border

The CSS property to change the border of an element to XYZ 14.4374, 13.6405, 2.4023 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(136, 96, 17) }
```


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

```
.border{ border-color:rgb(136, 96, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 96, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 96, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 96, 17);  
box-shadow:4px 4px 4px 4px rgb(136, 96,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4374, 13.6405, 2.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 96, 17) }
```

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

```
.background{ background-color: rgb(136, 96,  
17) }
```

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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