

Converting Colors

XYZ(13.1059, 11.5976, 2.9006)

Have a look what the booklet for
XYZ(13.1059, 11.5976, 2.9006)
contains.

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Color

**XYZ(13.0249, 11.5068,
2.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	845520
RGB	132, 85, 32
RGB Percent	52%, 33%, 13%
CMY	0.4824, 0.6667, 0.8745
CMYK	0.00, 0.36, 0.76, 0.48
HSL	32°, 61%, 32%
HSV	32°, 76%, 52%
XYZ	13.0249, 11.5068, 2.9010
YIQ	93.0110, 45.0250, -6.5190

Conversions

Conversions Part 2

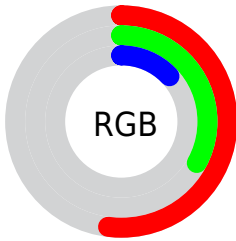
Format	Color
R_{YB}	121, 132, 32
Decimal	8672544
CIE _{Lab}	40.42, 14.58, 37.54
CIE _{LCh}	40, 40.277, 68.770
Yxy	11.5068, 0.4748, 0.4195
Android (android.graphics.Color)	4286862624 (0xFF845520)
YUV	93.0110, -30.0784, 34.1934
Hunter-Lab	33.9217, 9.1757, 18.6747

Details

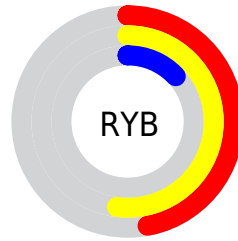
The XYZ color **13.0249, 11.5068, 2.9010** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.5562, 7.5645, 22.8914**, and the grayscale version is **10.4680, 11.0131, 11.9933**.

A 20% lighter version of the original color is **31.0982, 28.7259, 11.4950**, and **3.9007, 3.1373, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **12.4131, 10.5150, 1.9826**, and if you desaturate by 10%, it is **13.7520, 12.6142, 4.2129**.

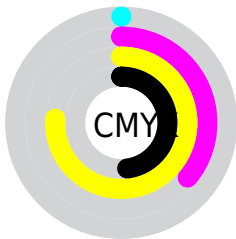
Distribution



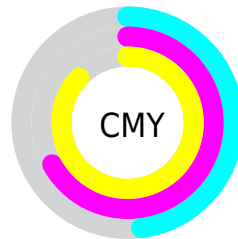
- Red (52%)
- Green (33%)
- Blue (13%)



- Red (47%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (36%)
- Yellow (76%)
- Black (48%)





- Cyan (48%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0249, 11.5068, 2.9010 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 13.0249, 11.5068, 2.9010 by changing the saturation by 10% instead.


 13.0249, 11.5068,
2.9010


 13.0249, 11.5068,
2.9010


204.7116,
201.1123, 135.0896


 7.5228, 6.4088,
1.0443


 30.9494, 28.5936,
11.3832


 3.8404, 3.0952,
0.0000

 44.1026, 41.3512,
18.8457


 1.6122, 1.1816,
0.0000

 60.5369, 57.4308,
29.0139

 0.4004, 0.0466,
0.0000

 80.6175, 77.2167,
42.3064

 0.0000, 0.0000,
0.0000

 104.7100,
101.0934, 59.1417

 133.1796,

129.4454, 79.9383

166.3916,
162.6568, 105.1147

13.0249, 11.5068,
2.9010

13.0249, 11.5068,
2.9010

12.4131, 10.5150,
1.9826

13.7520, 12.6142,
4.2129

11.9025, 9.6300,
1.3923

14.6024, 13.8406,
5.9585

11.7036, 9.2814,
1.1746

15.5839, 15.1913,
8.1737

16.7037, 16.6708,
10.8903

17.9681, 18.2830,
14.1374

■ 19.3831, 20.0319,
17.9419

■ 20.9543, 21.9212,
22.3287

■ 22.6869, 23.9543,
27.3213

■ 24.5860, 26.1346,
32.9419

Harmonies

Analogous

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



15.7441, 11.5068, 5.0921



13.0249, 11.5068, 2.9010



10.1291, 11.5068, 2.5837

Triad

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



13.0249, 11.5068, 2.9010



6.3975, 11.5068, 15.0547



14.7047, 11.5068, 29.0006

Complementary

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



13.0249, 11.5068, 2.9010



7.5562, 7.5645, 22.8914

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.



11.7865, 11.5068, 35.0614



13.0249, 11.5068, 2.9010



7.2237, 11.5068, 25.0191

Square

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



13.0249, 11.5068, 2.9010



6.6134, 11.5068, 7.6963



9.0848, 11.5068, 33.3540



16.8242, 11.5068, 19.0513

Rectangle

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



13.0249, 11.5068, 2.9010



8.5245, 11.5068, 3.2395



9.0848, 11.5068, 33.3540



13.7662, 11.5068, 31.7200

Sweetspot

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



13.0252, 11.5074, 2.9012



32.1868, 32.8757, 26.3195



11.4925, 6.5227, 8.3075



7.3196, 7.4360, 5.6682



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.



13.0252, 11.5074, 2.9012



21.1983, 17.3715, 2.7019



17.7690, 21.3789, 4.5566



4.8617, 5.0669, 4.9511



11.3375, 8.9976, 1.1392



0.0466, 0.0458, 0.0064

Inverse Universe

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



7.5562, 7.5645, 22.8914



11.0658, 10.0918, 39.8178



5.3301, 3.0335, 22.1342



4.6015, 4.8786, 5.8999



5.7077, 4.9632, 21.7939



0.0270, 0.0316, 0.0779

Previews

White Background



This preview shows how the XYZ color 13.0249, 11.5068, 2.9010 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 13.0249, 11.5068, 2.9010 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 13.0249, 11.5068, 2.9010

Background



This preview shows how black text looks on a background with the XYZ color 13.0249, 11.5068, 2.9010.



This preview shows how white text looks on a background with the XYZ color 13.0249, 11.5068,

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

13.0249, 11.5068, 2.9010

Protanopia

10.5496, 11.6129, 3.2756

Deuteranopia

11.7212, 11.5690, 2.8436



Tritanopia

14.5400, 11.5601, 10.2691

Trichromacy



Original Color

13.0249, 11.5068, 2.9010

Protanomaly

11.3183, 11.4828, 3.1332

Deuteranomaly

12.1319, 11.5288, 2.8822

Tritanomaly

13.8322, 11.4963, 6.6442

Monochromacy



Original Color

13.0249, 11.5068, 2.9010

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.8569, 10.8931, 7.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0249, 11.5068, 2.9010 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(132, 85, 32)` looks like.

```
.text, #text, p{  
    color:rgb(132, 85, 32)  
}
```

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(132, 85, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 85, 32) }
```

Border

The CSS property to change the border of an element to XYZ 13.0249, 11.5068, 2.9010 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(132, 85, 32) }
```


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

```
.border{ border-color:rgb(132, 85, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 85, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 85, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 85, 32);  
box-shadow:4px 4px 4px 4px rgb(132, 85,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0249, 11.5068, 2.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 85, 32) }
```

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

```
.background{ background-color: rgb(132, 85,  
32) }
```

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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