

Converting Colors

XYZ(14.4358, 13.6510, 8.8014)

Have a look what the booklet for
XYZ(14.4358, 13.6510, 8.8014)
contains.

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Color

**XYZ(14.4813, 13.6604,
8.7109)**

Conversions

Conversions Part 1

Format	Color
Hex	80614C
RGB	128, 97, 76
RGB Percent	50%, 38%, 30%
CMY	0.4980, 0.6196, 0.7020
CMYK	0.00, 0.24, 0.41, 0.50
HSL	24°, 25%, 40%
HSV	24°, 41%, 50%
XYZ	14.4813, 13.6604, 8.7109
YIQ	103.8750, 25.2170, 0.0410

Conversions

Conversions Part 2

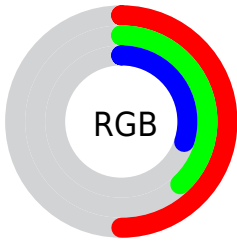
Format	Color
R_{YB}	128, 111, 76
Decimal	8413516
CIE _{Lab}	43.74, 9.54, 16.83
CIE _{LCh}	44, 19.343, 60.441
Yxy	13.6604, 0.3930, 0.3707
Android (android.graphics.Color)	4286603596 (0xFF80614C)
YUV	103.8750, -13.7424, 21.1576
Hunter-Lab	36.9600, 5.2582, 11.8982

Details

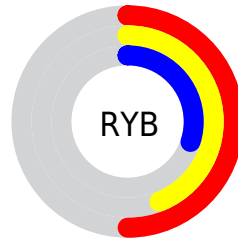
The XYZ color **14.4813, 13.6604, 8.7109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.1342, 13.6098, 22.4095**, and the grayscale version is **13.1558, 13.8410, 15.0728**.

A 20% lighter version of the original color is **33.5830, 32.6056, 23.9255**, and **4.5051, 4.0497, 1.9107** is the 20% darker color. If you saturate the color by 10%, you get **13.4085, 12.1574, 6.3720**, and if you desaturate by 10%, it is **15.7112, 15.3358, 11.5394**.

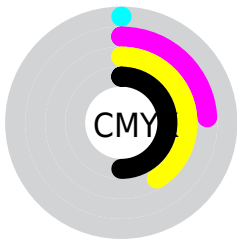
Distribution



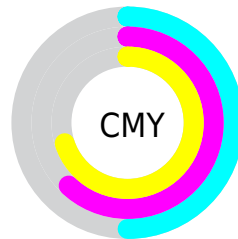
- Red (50%)
- Green (38%)
- Blue (30%)



- Red (50%)
- Yellow (44%)
- Blue (30%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4813, 13.6604, 8.7109 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 14.4813, 13.6604, 8.7109 by changing the saturation by 10% instead.

■ 14.4813, 13.6604,
8.7109

■ 14.4813, 13.6604,
8.7109

213.6560,
215.1078, 191.3443

■ 8.5401, 7.8849,
4.4589

■ 33.5198, 32.4852,
23.9095

■ 4.4971, 4.0214,
1.8803

■ 47.3478, 46.3033,
35.6932

■ 1.9870, 1.6855,
0.4802

■ 64.5355, 63.5710,
50.8245

■ 0.6267, 0.4143,
0.0000

■ 85.4482, 84.6727,
69.7220

■ 0.0000, 0.0000,
0.0000

■ 110.4512,
109.9929, 92.8041

139.9099,

139.9159, 120.4896

174.1898,
174.8260, 153.1968

■ 14.4813, 13.6604,
8.7109

■ 14.4813, 13.6604,
8.7109

■ 13.4085, 12.1574,
6.3720

■ 15.7112, 15.3358,
11.5394

■ 12.4845, 10.8189,
4.4934

■ 17.1039, 17.1872,
14.8828

■ 11.7019, 9.6393,
3.0439

■ 18.6659, 19.2206,
18.7656

■ 11.0520, 8.6117,
1.9882

■ 20.4031, 21.4411,
23.2105

■ 10.5249, 7.7286,
1.2849

■ 22.3212, 23.8535,
28.2389

■ 10.1167, 7.0185,
0.8215

■ 24.4254, 26.4625,
33.8712

■ 26.7209, 29.2727,
40.1265

■ 29.2126, 32.2883,
47.0233

■ 31.9051, 35.5136,
54.5793

Harmonies

Analogous

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



15.6732, 13.6604, 11.0196



14.4813, 13.6604, 8.7109



12.9613, 13.6604, 7.9698

Triad

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



14.4813, 13.6604, 8.7109



10.2723, 13.6604, 14.9384



14.5233, 13.6604, 23.3308

Complementary

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



14.4813, 13.6604, 8.7109



12.1342, 13.6098, 22.4095

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.



13.0063, 13.6604, 24.9248



14.4813, 13.6604, 8.7109



10.6211, 13.6604, 19.5359

Square

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



14.4813, 13.6604, 8.7109



10.6015, 13.6604, 11.1113



11.5933, 13.6604, 23.4179



15.6987, 13.6604, 19.4023

Rectangle

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



14.4813, 13.6604, 8.7109



11.9886, 13.6604, 8.3227



11.5933, 13.6604, 23.4179



14.0327, 13.6604, 24.1881

Sweetspot

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



14.4816, 13.6610, 8.7112



32.3890, 33.2271, 31.8435



14.1510, 10.8239, 15.3086



7.5142, 7.6901, 7.2825



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.4816, 13.6610, 8.7112



23.6953, 21.5297, 11.4040



17.2648, 19.2274, 9.6389



4.4593, 4.6073, 4.5744



10.0328, 6.9619, 0.8150



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.1342, 13.6098, 22.4095



18.9441, 21.4137, 39.0911



9.8342, 9.0098, 21.6428



4.3052, 4.6045, 5.4751



6.4480, 6.7145, 21.2061



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4813, 13.6604, 8.7109 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 14.4813, 13.6604, 8.7109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

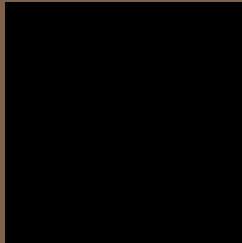
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4813, 13.6604, 8.7109

Background



This preview shows how black text looks on a background with the XYZ color 14.4813, 13.6604, 8.7109.



This preview shows how white text looks on a background with the XYZ color 14.4813, 13.6604,

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

14.4813, 13.6604, 8.7109

Protanopia

12.8171, 13.6445, 9.3553

Deuteranopia

13.9347, 13.6564, 8.7390



Tritanopia

15.5576, 13.6908, 14.1345

Trichromacy



Original Color

14.4813, 13.6604, 8.7109

Protanomaly

13.3649, 13.6393, 9.1360

Deuteranomaly

14.1296, 13.6171, 8.7211

Tritanomaly

15.0772, 13.6243, 11.9603

Monochromacy



Original Color

14.4813, 13.6604, 8.7109

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4841, 13.6262, 12.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4813, 13.6604, 8.7109 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(128, 97, 76)` looks like.

```
.text, #text, p{  
    color:rgb(128, 97, 76)  
}
```

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(128, 97, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 97, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.4813, 13.6604, 8.7109 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(128, 97, 76) }
```


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

```
.border{ border-color:rgb(128, 97, 76) }
```

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

Here you see how a box with a 4 pixel rgb(128, 97, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 97, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 97, 76);  
box-shadow:4px 4px 4px 4px rgb(128, 97,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4813, 13.6604, 8.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 97, 76) }
```

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

```
.background{ background-color: rgb(128, 97,  
76) }
```

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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