

Converting Colors

XYZ(13.9126, 10.0453, 10.0749)

Have a look what the booklet for
XYZ(13.9126, 10.0453, 10.0749)
contains.

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Color

**XYZ(13.9002, 10.0404,
10.0095)**

Conversions

Conversions Part 1

Format	Color
Hex	884456
RGB	136, 68, 86
RGB Percent	53%, 27%, 34%
CMY	0.4667, 0.7333, 0.6627
CMYK	0.00, 0.50, 0.37, 0.47
HSL	344°, 33%, 40%
HSV	344°, 50%, 53%
XYZ	13.9002, 10.0404, 10.0095
YIQ	90.3840, 34.7500, 20.0140

Conversions

Conversions Part 2

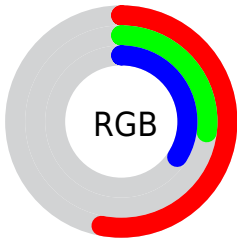
Format	Color
R_{YB}	136, 68, 86
Decimal	8930390
CIE _{Lab}	37.91, 31.04, 2.69
CIE _{LCh}	38, 31.154, 4.958
Yxy	10.0404, 0.4094, 0.2957
Android (android.graphics.Color)	4287120470 (0xFF884456)
YUV	90.3840, -2.1613, 40.0052
Hunter-Lab	31.6866, 22.8524, 3.4515

Details

The XYZ color **13.9002, 10.0404, 10.0095** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **14.4586, 20.1455, 20.2671**, and the grayscale version is **9.8041, 10.3147, 11.2327**.

A 20% lighter version of the original color is **32.4082, 25.8108, 26.5664**, and **4.2177, 2.4994, 2.3580** is the 20% darker color. If you saturate the color by 10%, you get **12.7959, 8.4322, 7.7907**, and if you desaturate by 10%, it is **15.2523, 12.0539, 12.5894**.

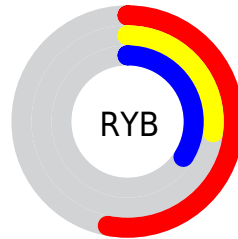
Distribution



Red (53%)

Green (27%)

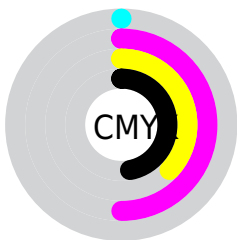
Blue (34%)



Red (53%)

Yellow (27%)

Blue (34%)

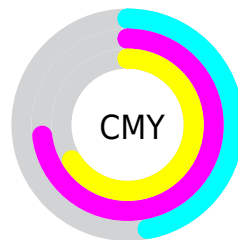


Cyan (0%)

Magenta (50%)

Yellow (37%)

Black (47%)



Cyan (47%)


Magenta (73%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9002, 10.0404, 10.0095 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 13.9002, 10.0404, 10.0095 by changing the saturation by 10% instead.


 13.9002, 10.0404,
10.0095


 13.9002, 10.0404,
10.0095


210.1321,
190.9602, 201.2271


 8.1325, 5.4258,
5.2996


 32.4996, 25.8715,
26.4215


 4.2324, 2.4992,
2.3623

 46.0620, 37.8567,
38.9606


 1.8344, 0.8762,
0.7658

 62.9534, 53.0675,
54.9465

 0.5383, 0.0000,
0.0000

 83.5391, 71.8884,
74.7978

 0.0000, 0.0000,
0.0000

 108.1845, 94.7037,
98.9329

137.2549,

121.8978, 127.7705

171.1156,
153.8552, 161.7291

■ 13.9002, 10.0404,
10.0095

■ 13.9002, 10.0404,
10.0095

■ 12.7959, 8.4322,
7.7907

■ 15.2523, 12.0539,
12.5894

■ 11.9229, 7.2000,
5.9155

■ 16.8656, 14.4962,
15.5453

■ 11.2638, 6.3130,
4.3661

■ 18.7536, 17.3908,
18.8920


■ 10.7982, 5.7350,
3.1225


■ 20.9287, 20.7592,
22.6434


■ 10.4718, 5.3617,
2.1519


■ 23.4023, 24.6214,
26.8127

 10.4717, 5.3616,
2.1516

 26.1853, 28.9963,
31.4124

 29.2880, 33.9017,
36.4544

 32.7202, 39.3546,
41.9503

 36.4915, 45.3714,
47.9113

Harmonies

Analogous

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



13.4598, 10.0404, 16.2761



13.9002, 10.0404, 10.0095



13.0469, 10.0404, 5.7662

Triad

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



13.9002, 10.0404, 10.0095



7.5086, 10.0404, 4.1716



8.0090, 10.0404, 24.2209

Complementary

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



13.9002, 10.0404, 10.0095



14.4586, 20.1455, 20.2671

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.



6.7305, 10.0404, 18.5173



13.9002, 10.0404, 10.0095



6.4711, 10.0404, 6.9085

Square

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



13.9002, 10.0404, 10.0095



9.2152, 10.0404, 3.2310



6.2074, 10.0404, 11.9101



9.8787, 10.0404, 25.9464

Rectangle

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



13.9002, 10.0404, 10.0095



11.9208, 10.0404, 4.1764



6.2074, 10.0404, 11.9101



7.5047, 10.0404, 22.6270

Sweetspot

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



13.9005, 10.0409, 10.0097



34.7759, 33.3147, 36.2915



13.9646, 9.7546, 24.4394



7.8936, 7.4677, 8.1277



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.



13.9005, 10.0409, 10.0097



22.3270, 14.5402, 13.2647



14.3571, 11.9721, 7.0237



5.0837, 5.0689, 5.5293



9.9146, 5.0760, 2.0547



0.0712, 0.0359, 0.0419

Inverse Universe

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



13.9005, 10.0409, 10.0097



22.3270, 14.5402, 13.2647



13.5608, 16.4720, 25.7572



5.0837, 5.0689, 5.5293



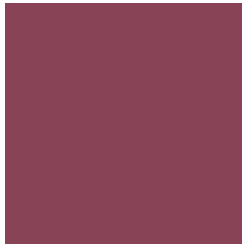
9.9146, 5.0760, 2.0547



0.0712, 0.0359, 0.0419

Previews

White Background



This preview shows how the XYZ color 13.9002, 10.0404, 10.0095 looks on a white background.

Color Contrast Check

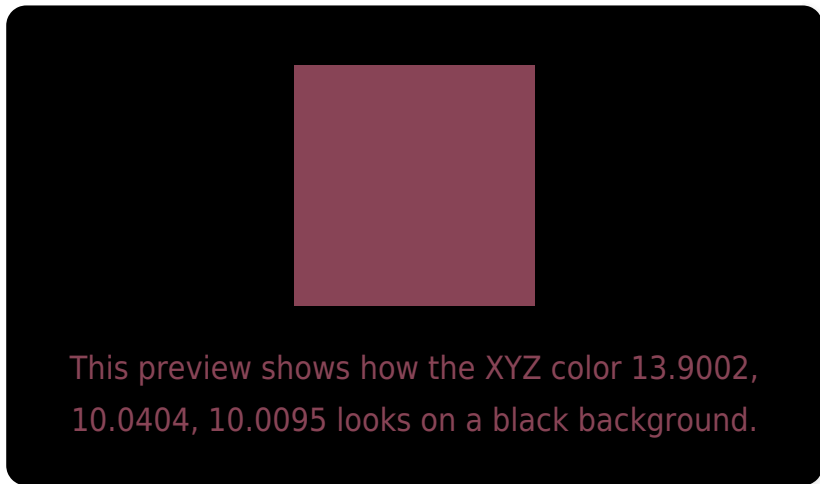
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

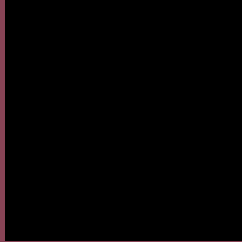
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9002, 10.0404, 10.0095

Background



This preview shows how black text looks on a background with the XYZ color 13.9002, 10.0404, 10.0095.



This preview shows how white text looks on a background with the XYZ color 13.9002, 10.0404,

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

13.9002, 10.0404, 10.0095

Protanopia

9.8968, 10.1504, 12.9929

Deuteranopia

10.3364, 10.2076, 9.6091



Tritanopia

13.4518, 10.0392, 7.8854

Trichromacy



Original Color

13.9002, 10.0404, 10.0095

Protanomaly

10.9067, 9.7572, 11.8982

Deuteranomaly

11.4083, 9.9548, 9.7077

Tritanomaly

13.5311, 9.9717, 8.6087

Monochromacy



Original Color

13.9002, 10.0404, 10.0095

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.8839, 9.8817, 10.7849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9002, 10.0404, 10.0095 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, 68, 86)` looks like.

```
.text, #text, p{  
    color:rgb(136, 68, 86)  
}
```

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, 68, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 68, 86) }
```

Border

The CSS property to change the border of an element to XYZ 13.9002, 10.0404, 10.0095 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, 68, 86) }
```


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

```
.border{ border-color:rgb(136, 68, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 68, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 68, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 68, 86);  
box-shadow:4px 4px 4px 4px rgb(136, 68,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9002, 10.0404, 10.0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 68, 86) }
```

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

```
.background{ background-color: rgb(136, 68,  
86) }
```

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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