

Converting Colors

XYZ(14.0134, 9.9871, 13.5519)

Have a look what the booklet for
XYZ(14.0134, 9.9871, 13.5519)
contains.

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Color

**XYZ(14.0890, 10.0604,
13.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	854465
RGB	133, 68, 101
RGB Percent	52%, 27%, 40%
CMY	0.4784, 0.7333, 0.6039
CMYK	0.00, 0.49, 0.24, 0.48
HSL	330°, 32%, 39%
HSV	330°, 49%, 52%
XYZ	14.0890, 10.0604, 13.5112
YIQ	91.1970, 28.1470, 24.0430

Conversions

Conversions Part 2

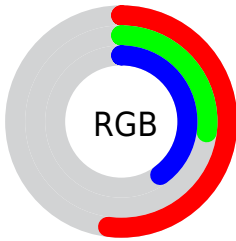
Format	Color
R_{YB}	133, 68, 101
Decimal	8733797
CIE _{Lab}	37.95, 32.07, -6.74
CIE _{LCh}	38, 32.771, 348.135
Yxy	10.0604, 0.3741, 0.2671
Android (android.graphics.Color)	4286923877 (0xFF854465)
YUV	91.1970, 4.8329, 36.6612
Hunter-Lab	31.7181, 23.7819, -3.0535

Details

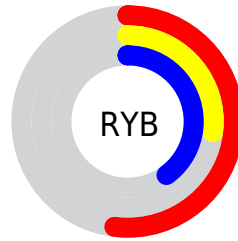
The XYZ color **14.0890, 10.0604, 13.5112** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.0722, 18.9245, 15.0214**, and the grayscale version is **9.9739, 10.4933, 11.4272**.

A 20% lighter version of the original color is **32.8850, 25.9152, 32.9747**, and **4.3093, 2.5160, 3.7485** is the 20% darker color. If you saturate the color by 10%, you get **13.0659, 8.5072, 11.6498**, and if you desaturate by 10%, it is **15.3208, 11.9898, 15.5685**.

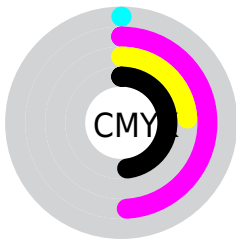
Distribution



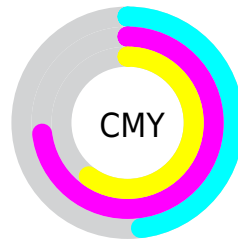
- Red (52%)
- Green (27%)
- Blue (40%)



- Red (52%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (24%)
- Black (48%)





- Cyan (48%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0890, 10.0604, 13.5112 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 14.0890, 10.0604, 13.5112 by changing the saturation by 10% instead.


 14.0890, 10.0604,
13.5112


 14.0890, 10.0604,
13.5112


211.2833,
191.1026, 225.4901


 8.2647, 5.4390,
7.6466


 32.8318, 25.9090,
32.9237


 4.3180, 2.5071,
3.7852

 46.4810, 37.9051,
47.3088


 1.8836, 0.8802,
1.5082

 63.4693, 53.1282,
65.3711

 0.5673, 0.0000,
0.2241

 84.1619, 71.9627,
87.5291

 0.0000, 0.0000,
0.0000

 108.9243, 94.7930,
114.2015

138.1217,

122.0034, 145.8068

172.1196,
153.9785, 182.7635

■ 14.0890, 10.0604,
13.5112

■ 14.0890, 10.0604,
13.5112

■ 13.0659, 8.5072,
11.6498

■ 15.3208, 11.9898,
15.5685

■ 12.2374, 7.3035,
9.9765

■ 16.7723, 14.3169,
17.8279

■ 11.5893, 6.4215,
8.4835

■ 18.4548, 17.0632,
20.2960

■ 11.1045, 5.8281,
7.1619

■ 20.3785, 20.2483,
22.9788

■ 10.7406, 5.4398,
5.9944

■ 22.5529, 23.8905,
25.8822

■ 10.7018, 5.3981,
5.8702

■ 24.9871, 28.0070,
29.0117

■ 27.6897, 32.6142,
32.3725

■ 30.6689, 37.7278,
35.9698

■ 33.9324, 43.3625,
39.8084

Harmonies

Analogous

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



12.8997, 10.0604, 20.6399



14.0890, 10.0604, 13.5112



13.9414, 10.0604, 7.7312

Triad

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



14.0890, 10.0604, 13.5112



8.3582, 10.0604, 3.2241



7.1099, 10.0604, 22.0361

Complementary

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



14.0890, 10.0604, 13.5112



13.0722, 18.9245, 15.0214

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.



6.2119, 10.0604, 14.9672



14.0890, 10.0604, 13.5112



6.8564, 10.0604, 4.9017

Square

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



14.0890, 10.0604, 13.5112



10.4176, 10.0604, 3.0813



6.1264, 10.0604, 8.7418



8.7547, 10.0604, 26.6397

Rectangle

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



14.0890, 10.0604, 13.5112



13.1073, 10.0604, 5.2473



6.1264, 10.0604, 8.7418



6.7218, 10.0604, 19.7715

Sweetspot

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



14.0893, 10.0609, 13.5114



34.2139, 32.4778, 37.9966



11.4925, 8.5045, 23.2263



7.5736, 7.0950, 8.3706



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.



14.0893, 10.0609, 13.5114



23.1585, 14.8792, 20.4006



12.8172, 9.5520, 6.8126



4.7639, 4.7252, 5.3689



10.1976, 5.1434, 5.6130



0.0390, 0.0193, 0.0388

Inverse Universe

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



14.0893, 10.0609, 13.5114



23.1585, 14.8792, 20.4006



14.9310, 19.6680, 24.8095



4.7639, 4.7252, 5.3689



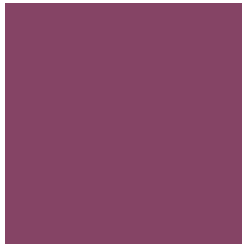
10.1976, 5.1434, 5.6130



0.0390, 0.0193, 0.0388

Previews

White Background



This preview shows how the XYZ color 14.0890, 10.0604, 13.5112 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 14.0890, 10.0604, 13.5112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

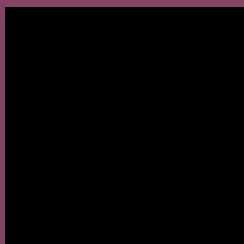
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0890, 10.0604, 13.5112

Background



This preview shows how black text looks on a background with the XYZ color 14.0890, 10.0604, 13.5112.



This preview shows how white text looks on a background with the XYZ color 14.0890, 10.0604,

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

14.0890, 10.0604, 13.5112

Protanopia

10.2342, 10.2216, 17.6532

Deuteranopia

10.3321, 10.1311, 12.9662



Tritanopia

13.1178, 10.1404, 8.4736

Trichromacy



Original Color

14.0890, 10.0604, 13.5112

Protanomaly

11.1237, 9.7773, 16.0528

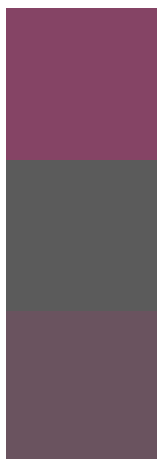
Deuteranomaly

11.4275, 9.8894, 13.1109

Tritanomaly

13.4487, 10.0839, 10.0417

Monochromacy



Original Color

14.0890, 10.0604, 13.5112

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.1027, 10.0769, 12.1863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0890, 10.0604, 13.5112 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, 68, 101)` looks like.

```
.text, #text, p{  
    color:rgb(133, 68, 101)  
}
```

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, 68, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 68, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.0890, 10.0604, 13.5112 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, 68, 101) }
```


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

```
.border{ border-color:rgb(133, 68, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 68, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 68, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 68, 101);  
box-shadow:4px 4px 4px 4px rgb(133, 68,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0890, 10.0604, 13.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 68, 101) }
```

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

```
.background{ background-color: rgb(133, 68,  
101) }
```

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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