

Converting Colors

XYZ(14.1517, 10.4883, 9.6992)

Have a look what the booklet for
XYZ(14.1517, 10.4883, 9.6992)
contains.

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Color

**XYZ(14.1700, 10.4649,
9.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	894754
RGB	137, 71, 84
RGB Percent	54%, 28%, 33%
CMY	0.4627, 0.7216, 0.6706
CMYK	0.00, 0.48, 0.39, 0.46
HSL	348°, 32%, 41%
HSV	348°, 48%, 54%
XYZ	14.1700, 10.4649, 9.6606
YIQ	92.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

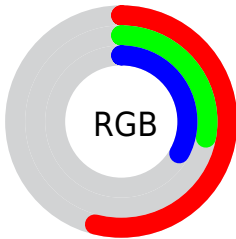
Format	Color
RYB	137, 71, 84
Decimal	8996692
CIELab	38.66, 29.50, 5.05
CIELCh	39, 29.930, 9.706
Yxy	10.4649, 0.4132, 0.3051
Android (android.graphics.Color)	4287186772 (0xFF894754)
YUV	92.2160, -4.0505, 39.2756
Hunter-Lab	32.3495, 21.5765, 4.9387

Details

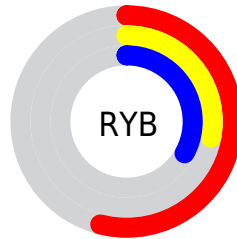
The XYZ color **14.1700, 10.4649, 9.6606** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **15.1828, 20.6864, 22.2625**, and the grayscale version is **10.2261, 10.7587, 11.7162**.

A 20% lighter version of the original color is **33.0633, 26.7057, 25.6024**, and **4.3288, 2.6441, 2.2017** is the 20% darker color. If you saturate the color by 10%, you get **12.9973, 8.7558, 7.3081**, and if you desaturate by 10%, it is **15.6074, 12.5951, 12.4356**.

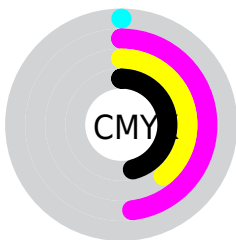
Distribution



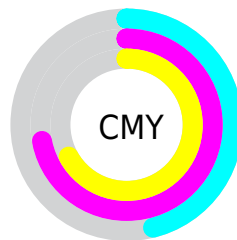
- Red (54%)
- Green (28%)
- Blue (33%)



- Red (54%)
- Yellow (28%)
- Blue (33%)



- Cyan (0%)
- Magenta (48%)
- Yellow (39%)
- Black (46%)





- Cyan (46%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1700, 10.4649, 9.6606 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 14.1700, 10.4649, 9.6606 by changing the saturation by 10% instead.


 14.1700, 10.4649,
9.6606


 14.1700, 10.4649,
9.6606


211.7754,
193.9587, 198.6283


 8.3215, 5.7083,
5.0719


 32.9741, 26.6663,
25.7529


 4.3549, 2.6685,
2.2300

 46.6604, 38.8799,
38.0935


 1.9048, 0.9612,
0.6916

 63.6901, 54.3480,
53.8552

 0.5796, 0.0000,
0.0000

 84.4284, 73.4549,
73.4565

 0.0000, 0.0000,
0.0000

 109.2407, 96.5850,
97.3159

138.4924,

124.1227, 125.8520

172.5488,
156.4525, 159.4832

■ 14.1700, 10.4649,
9.6606

■ 14.1700, 10.4649,
9.6606

■ 12.9973, 8.7558,
7.3081

■ 15.6074, 12.5951,
12.4356

■ 12.0719, 7.4381,
5.3564

■ 17.3239, 15.1702,
15.6520

■ 11.3758, 6.4810,
3.7827

■ 19.3335, 18.2141,
19.3284

■ 10.8877, 5.8482,
2.5618

■ 21.6492, 21.7487,
23.4820

■ 10.5654, 5.4614,
1.6591

■ 24.2833, 25.7942,
28.1291

■ 10.5141, 5.3974,
1.5233

■ 27.2472, 30.3700,
33.2855

■ 30.5520, 35.4943,
38.9659

■ 34.2080, 41.1844,
45.1846

■ 38.2252, 47.4570,
51.9555

Harmonies

Analogous

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



13.9420, 10.4649, 15.5895



14.1700, 10.4649, 9.6606



13.1569, 10.4649, 5.7713

Triad

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



14.1700, 10.4649, 9.6606



7.7163, 10.4649, 4.9173



8.6890, 10.4649, 24.9096

Complementary

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



14.1700, 10.4649, 9.6606



15.1828, 20.6864, 22.2625

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.



7.3062, 10.4649, 19.8315



14.1700, 10.4649, 9.6606



6.7982, 10.4649, 8.0289

Square

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



14.1700, 10.4649, 9.6606



9.3211, 10.4649, 3.6943



6.6587, 10.4649, 13.3244



10.5994, 10.4649, 25.7932

Rectangle

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



14.1700, 10.4649, 9.6606



11.9837, 10.4649, 4.3566



6.6587, 10.4649, 13.3244



8.1545, 10.4649, 23.5725

Sweetspot

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



14.1703, 10.4654, 9.6608



36.1587, 34.9575, 37.3845



15.0523, 10.5834, 24.9164



7.9397, 7.5809, 8.0781



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.



14.1703, 10.4654, 9.6608



23.0710, 15.3851, 12.6657



15.1782, 13.2218, 7.7139



5.0705, 5.0637, 5.4599



9.7975, 5.0291, 1.4383



0.0693, 0.0351, 0.0320

Inverse Universe

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



14.1703, 10.4654, 9.6608



23.0710, 15.3851, 12.6657



13.4989, 15.9154, 26.0275



5.0705, 5.0637, 5.4599



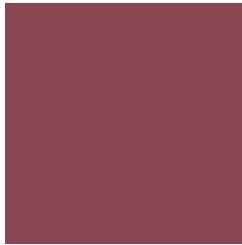
9.7975, 5.0291, 1.4383



0.0693, 0.0351, 0.0320

Previews

White Background



This preview shows how the XYZ color 14.1700, 10.4649, 9.6606 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 14.1700, 10.4649, 9.6606 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 14.1700, 10.4649, 9.6606

Background



This preview shows how black text looks on a background with the XYZ color 14.1700, 10.4649, 9.6606.



This preview shows how white text looks on a background with the XYZ color 14.1700, 10.4649,

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

14.1700, 10.4649, 9.6606

Protanopia

10.2203, 10.5837, 12.3307

Deuteranopia

10.6838, 10.5166, 9.2514



Tritanopia

13.8103, 10.4048, 8.3016

Trichromacy



Original Color

14.1700, 10.4649, 9.6606

Protanomaly

11.2430, 10.2841, 11.2900

Deuteranomaly

11.7427, 10.3568, 9.3628

Tritanomaly

13.9187, 10.4482, 8.8725

Monochromacy



Original Color

14.1700, 10.4649, 9.6606

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.1578, 10.2501, 10.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1700, 10.4649, 9.6606 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(137, 71, 84)` looks like.

```
.text, #text, p{  
    color:rgb(137, 71, 84)  
}
```

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(137, 71, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 71, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.1700, 10.4649, 9.6606 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(137, 71, 84) }
```


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

```
.border{ border-color:rgb(137, 71, 84) }
```

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

Here you see how a box with a 4 pixel rgb(137, 71, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 71, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 71, 84);  
box-shadow:4px 4px 4px 4px rgb(137, 71,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1700, 10.4649, 9.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 71, 84) }
```

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

```
.background{ background-color: rgb(137, 71,  
84) }
```

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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