

Converting Colors

XYZ(14.6731, 10.4580, 7.9958)

Have a look what the booklet for
XYZ(14.6731, 10.4580, 7.9958)
contains.

XYZ(14.6993, 10.4957, 8.0886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6993, 10.4957,
8.0886)**

Conversions

Conversions Part 1

Format	Color
Hex	8F444C
RGB	143, 68, 76
RGB Percent	56%, 27%, 30%
CMY	0.4392, 0.7333, 0.7020
CMYK	0.00, 0.52, 0.47, 0.44
HSL	354°, 36%, 41%
HSV	354°, 52%, 56%
XYZ	14.6993, 10.4957, 8.0886
YIQ	91.3370, 42.1320, 18.3880

Conversions

Conversions Part 2

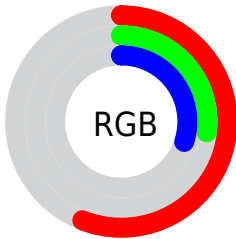
Format	Color
R _Y B	143, 68, 76
Decimal	9389132
CIE Lab	38.72, 32.53, 10.27
CIE LCh	39, 34.113, 17.514
Yxy	10.4957, 0.4416, 0.3153
Android (android.graphics.Color)	4287579212 (0xFF8F444C)
YUV	91.3370, -7.5611, 45.3085
Hunter-Lab	32.3971, 24.2947, 7.8750

Details

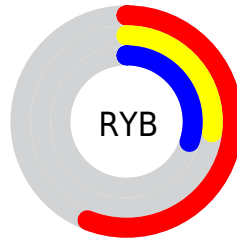
The XYZ color **14.6993, 10.4957, 8.0886** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **16.5801, 22.6233, 26.4160**, and the grayscale version is **10.0310, 10.5534, 11.4926**.

A 20% lighter version of the original color is **33.9995, 26.7169, 22.7669**, and **4.6134, 2.6939, 1.6433** is the 20% darker color. If you saturate the color by 10%, you get **13.5366, 8.8120, 5.7231**, and if you desaturate by 10%, it is **16.1617, 12.6378, 10.9894**.

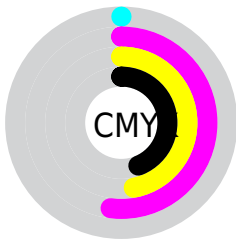
Distribution



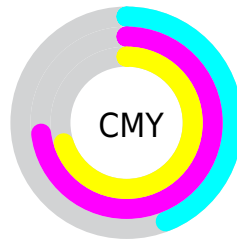
- Red (56%)
- Green (27%)
- Blue (30%)



- Red (56%)
- Yellow (27%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (47%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6993, 10.4957, 8.0886 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 14.6993, 10.4957, 8.0886 by changing the saturation by 10% instead.

■ 14.6993, 10.4957,
8.0886

■ 14.6993, 10.4957,
8.0886

214.9635,
194.1743, 186.3858

■ 8.6936, 5.7288,
4.0631

■ 33.9008, 26.7238,
22.6810

■ 4.5973, 2.6809,
1.6600

■ 47.8273, 38.9538,
34.0850

■ 2.0453, 0.9675,
0.3331

■ 65.1247, 54.4403,
48.7855

■ 0.6592, 0.0000,
0.0000

■ 86.1584, 73.5677,
67.2012

■ 0.0000, 0.0000,
0.0000

■ 111.2938, 96.7204,
89.7505

140.8962,

124.2828, 116.8520

175.3310,
156.6393, 148.9243

■ 14.6993, 10.4957,
8.0886

■ 14.6993, 10.4957,
8.0886

■ 13.5366, 8.8120,
5.7231

■ 16.1617, 12.6378,
10.9894

■ 12.6520, 7.5516,
3.8595

■ 17.9420, 15.2666,
14.4551

■ 12.0221, 6.6772,
2.4615

■ 20.0576, 18.4101,
18.5136

■ 11.6195, 6.1443,
1.4875

■ 22.5246, 22.0937,
23.1908

■ 11.4156, 5.8748,
0.9935

■ 25.3581, 26.3412,
28.5114

■ 28.5721, 31.1748,
34.4982

■ 32.1801, 36.6157,
41.1734

■ 36.1949, 42.6840,
48.5578

■ 40.6285, 49.3987,
56.6715

Harmonies

Analogous

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



14.8269, 10.4957, 14.3232



14.6993, 10.4957, 8.0886



13.1943, 10.4957, 4.5072

Triad

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



14.6993, 10.4957, 8.0886



7.1121, 10.4957, 4.9335



9.0690, 10.4957, 28.3074

Complementary

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



14.6993, 10.4957, 8.0886



16.5801, 22.6233, 26.4160

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.



7.3286, 10.4957, 23.2242



14.6993, 10.4957, 8.0886



6.3184, 10.4957, 8.9519

Square

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



14.6993, 10.4957, 8.0886



8.7291, 10.4957, 3.2140



6.3911, 10.4957, 15.5794



11.3360, 10.4957, 27.7952

Rectangle

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



14.6993, 10.4957, 8.0886



11.7246, 10.4957, 3.3745



6.3911, 10.4957, 15.5794



8.4102, 10.4957, 27.1353

Sweetspot

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



14.6996, 10.4962, 8.0888



38.5413, 36.8799, 38.1350



16.8968, 11.2069, 27.2591



8.6530, 8.1805, 8.3938



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.6996, 10.4962, 8.0888



23.9061, 15.2986, 9.5522



16.6231, 14.7608, 7.4426



5.4308, 5.4329, 5.7667



10.0979, 5.1962, 0.9009



0.1002, 0.0512, 0.0280

Inverse Universe

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



14.6996, 10.4962, 8.0888



23.9061, 15.2986, 9.5522



13.3879, 15.3038, 28.2348



5.4308, 5.4329, 5.7667



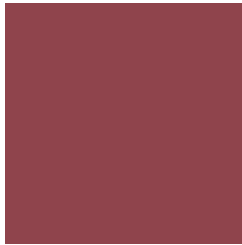
10.0979, 5.1962, 0.9009



0.1002, 0.0512, 0.0280

Previews

White Background



This preview shows how the XYZ color 14.6993, 10.4957, 8.0886 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 14.6993, 10.4957, 8.0886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

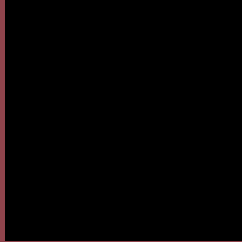
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6993, 10.4957, 8.0886

Background



This preview shows how black text looks on a background with the XYZ color 14.6993, 10.4957, 8.0886.



This preview shows how white text looks on a background with the XYZ color 14.6993, 10.4957,

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

14.6993, 10.4957, 8.0886

Protanopia

10.1186, 10.5664, 10.7387

Deuteranopia

10.7557, 10.5863, 7.7798



Tritanopia

14.5974, 10.4549, 7.5520

Trichromacy



Original Color

14.6993, 10.4957, 8.0886

Protanomaly

11.3756, 10.2714, 9.7705

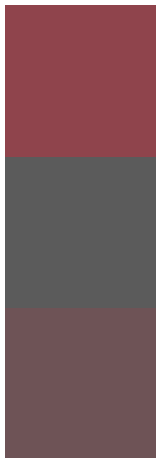
Deuteranomaly

11.9242, 10.3723, 7.8522

Tritanomaly

14.6308, 10.4683, 7.7280

Monochromacy



Original Color

14.6993, 10.4957, 8.0886

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.2034, 10.1734, 10.1773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6993, 10.4957, 8.0886 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(143, 68, 76)` looks like.

```
.text, #text, p{  
  color:rgb(143, 68, 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(143, 68, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 68, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.6993, 10.4957, 8.0886 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(143, 68, 76) }
```


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

```
.border{ border-color:rgb(143, 68, 76) }
```

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

Here you see how a box with a 4 pixel rgb(143, 68, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 68, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 68, 76);  
box-shadow:4px 4px 4px 4px rgb(143, 68,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6993, 10.4957, 8.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 68, 76) }
```

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

```
.background{ background-color: rgb(143, 68,  
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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