

Converting Colors

XYZ(16.1400, 10.9070, 7.3855)

Have a look what the booklet for
XYZ(16.1400, 10.9070, 7.3855)
contains.

XYZ(16.1400, 10.9070, 7.3855)	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(16.1400, 10.9070,
7.3855)**

Conversions

Conversions Part 1

Format	Color
Hex	994048
RGB	153, 64, 72
RGB Percent	60%, 25%, 28%
CMY	0.4000, 0.7490, 0.7176
CMYK	0.00, 0.58, 0.53, 0.40
HSL	355°, 41%, 43%
HSV	355°, 58%, 60%
XYZ	16.1400, 10.9070, 7.3855
YIQ	91.5230, 50.4760, 21.3560

Conversions

Conversions Part 2

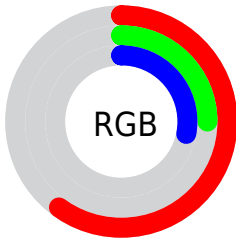
Format	Color
R_{YB}	153, 64, 72
Decimal	10043464
CIE _{Lab}	39.42, 37.99, 13.99
CIE _{LCh}	39, 40.481, 20.222
Yxy	10.9070, 0.4687, 0.3168
Android (android.graphics.Color)	4288233544 (0xFF994048)
YUV	91.5230, -9.6248, 53.9153
Hunter-Lab	33.0257, 29.4396, 9.8591

Details

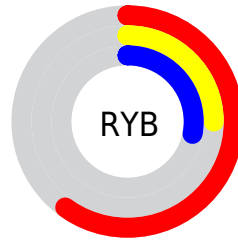
The XYZ color **16.1400, 10.9070, 7.3855** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.6171, 25.9171, 30.8112**, and the grayscale version is **10.0768, 10.6016, 11.5452**.

A 20% lighter version of the original color is **36.3849, 27.4664, 21.1532**, and **5.2601, 2.8472, 1.4347** is the 20% darker color. If you saturate the color by 10%, you get **14.9885, 9.2506, 5.0086**, and if you desaturate by 10%, it is **17.6317, 13.0791, 10.3837**.

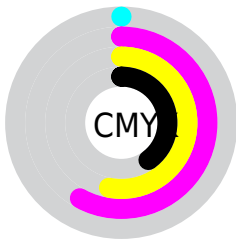
Distribution



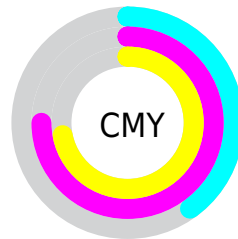
- Red (60%)
- Green (25%)
- Blue (28%)



- Red (60%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (40%)





- Cyan (40%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1400, 10.9070, 7.3855 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 16.1400, 10.9070, 7.3855 by changing the saturation by 10% instead.


 16.1400, 10.9070,
7.3855


 16.1400, 10.9070,
7.3855


223.4206,
197.0284, 180.5802


 9.7148, 6.0043,
3.6223


 36.3966, 27.4881,
21.2706


 5.2711, 2.8477,
1.4205

 50.9586, 39.9353,
32.2295


 2.4435, 1.0528,
0.1576

 68.9636, 55.6661,
46.4240

 0.8669, 0.0000,
0.0000

 90.7769, 75.0649,
64.2728

 0.0000, 0.0000,
0.0000

 116.7639, 98.5162,
86.1942

147.2900,

126.4042, 112.6069

182.7204,
159.1135, 143.9294

■ 16.1400, 10.9070,
7.3855

■ 16.1400, 10.9070,
7.3855

■ 14.9885, 9.2506,
5.0086

■ 17.6317, 13.0791,
10.3837

■ 14.1495, 8.0656,
3.2087

■ 19.4867, 15.8030,
14.0422

■ 13.5921, 7.3032,
1.9366

■ 21.7272, 19.1136,
18.3973

■ 13.2631, 6.8715,
1.1293

■ 24.3732, 23.0423,
23.4825

■ 13.2144, 6.8033,
1.0232

■ 27.4435, 27.6183,
29.3294

■ 30.9557, 32.8692,
35.9674

■ 34.9261, 38.8205,
43.4245

■ 39.3707, 45.4969,
51.7274

■ 44.3042, 52.9216,
60.9014

Harmonies

Analogous

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



16.4758, 10.9070, 14.6280



16.1400, 10.9070, 7.3855



14.1174, 10.9070, 3.6431

Triad

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



16.1400, 10.9070, 7.3855



6.8211, 10.9070, 4.6001



9.4973, 10.9070, 33.8233

Complementary

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



16.1400, 10.9070, 7.3855



18.6171, 25.9171, 30.8112

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.



7.3473, 10.9070, 27.6616



16.1400, 10.9070, 7.3855



5.9923, 10.9070, 9.4926

Square

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



16.1400, 10.9070, 7.3855



8.6498, 10.9070, 2.5971



6.1662, 10.9070, 17.8941



12.2972, 10.9070, 32.4146

Rectangle

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



16.1400, 10.9070, 7.3855



12.2543, 10.9070, 2.5826



6.1662, 10.9070, 17.8941



8.6838, 10.9070, 32.4927

Sweetspot

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



16.1403, 10.9076, 7.3857



44.0770, 41.9019, 42.8715



19.1026, 11.9057, 31.4282



9.5297, 8.9505, 9.0783



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.1403, 10.9076, 7.3857



26.3008, 15.7959, 7.8241



18.5816, 16.1809, 6.9952



6.2302, 6.2312, 6.5924



10.9275, 5.6252, 0.8772



0.1686, 0.0862, 0.0406

Inverse Universe

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



16.1403, 10.9076, 7.3857



26.3008, 15.7959, 7.8241



14.2727, 16.2066, 32.5129



6.2302, 6.2312, 6.5924



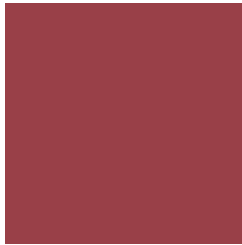
10.9275, 5.6252, 0.8772



0.1686, 0.0862, 0.0406

Previews

White Background



This preview shows how the XYZ color 16.1400, 10.9070, 7.3855 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 16.1400, 10.9070, 7.3855 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 16.1400, 10.9070, 7.3855

Background



This preview shows how black text looks on a background with the XYZ color 16.1400, 10.9070, 7.3855.



This preview shows how white text looks on a background with the XYZ color 16.1400, 10.9070,

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

16.1400, 10.9070, 7.3855

Protanopia

10.5238, 11.0420, 10.3807

Deuteranopia

11.2551, 11.1092, 7.0199



Tritanopia

16.1013, 10.9826, 6.9014

Trichromacy



Original Color

16.1400, 10.9070, 7.3855

Protanomaly

11.8386, 10.4106, 9.1701

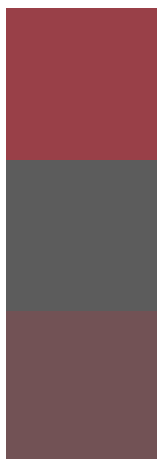
Deuteranomaly

12.6208, 10.7502, 7.0400

Tritanomaly

16.1327, 10.9951, 7.0663

Monochromacy



Original Color

16.1400, 10.9070, 7.3855

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.5964, 10.2679, 9.9650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1400, 10.9070, 7.3855 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(153, 64, 72)` looks like.

```
.text, #text, p{  
    color:rgb(153, 64, 72)  
}
```

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(153, 64, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 64, 72) }
```

Border

The CSS property to change the border of an element to XYZ 16.1400, 10.9070, 7.3855 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(153, 64, 72) }
```


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

```
.border{ border-color:rgb(153, 64, 72) }
```

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

Here you see how a box with a 4 pixel rgb(153, 64, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 64, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 64, 72);  
box-shadow:4px 4px 4px 4px rgb(153, 64,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1400, 10.9070, 7.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 64, 72) }
```

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

```
.background{ background-color: rgb(153, 64,  
72) }
```

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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