

Converting Colors

XYZ(16.5223, 10.4999, 7.1422)

Have a look what the booklet for
XYZ(16.5223, 10.4999, 7.1422)
contains.

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Color

**XYZ(16.4561, 10.4514,
7.1112)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3847
RGB	157, 56, 71
RGB Percent	62%, 22%, 28%
CMY	0.3843, 0.7804, 0.7216
CMYK	0.00, 0.64, 0.55, 0.38
HSL	351°, 47%, 42%
HSV	351°, 64%, 62%
XYZ	16.4561, 10.4514, 7.1112
YIQ	87.9090, 55.3810, 26.0770

Conversions

Conversions Part 2

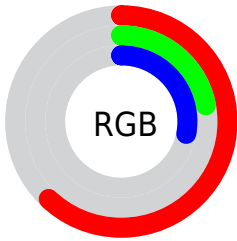
Format	Color
R _Y B	157, 56, 71
Decimal	10303559
CIE Lab	38.64, 43.16, 13.67
CIE LCh	39, 45.268, 17.571
Yxy	10.4514, 0.4837, 0.3072
Android (android.graphics.Color)	4288493639 (0xFF9D3847)
YUV	87.9090, -8.3361, 60.5928
Hunter-Lab	32.3286, 34.2860, 9.5883

Details

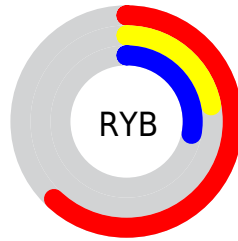
The XYZ color **16.4561, 10.4514, 7.1112** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.5711, 26.9079, 29.8084**, and the grayscale version is **9.2656, 9.7481, 10.6157**.

A 20% lighter version of the original color is **37.0112, 26.6560, 20.6472**, and **5.4651, 2.7932, 1.3497** is the 20% darker color. If you saturate the color by 10%, you get **15.4281, 9.0081, 4.8796**, and if you desaturate by 10%, it is **17.8177, 12.4108, 9.9200**.

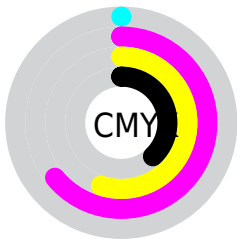
Distribution



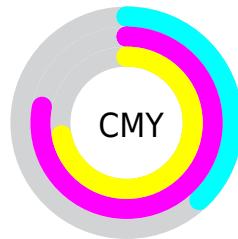
- Red (62%)
- Green (22%)
- Blue (28%)



- Red (62%)
- Yellow (22%)
- Blue (28%)



- Cyan (0%)
- Magenta (64%)
- Yellow (55%)
- Black (38%)





- Cyan (38%)
- Magenta (78%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.4561, 10.4514, 7.1112 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 16.4561, 10.4514, 7.1112 by changing the saturation by 10% instead.


 16.4561, 10.4514,
7.1112


 16.4561, 10.4514,
7.1112


225.2361,
193.8641, 178.2504


 9.9404, 5.6993,
3.4522


 36.9393, 26.6411,
20.7132


 5.4214, 2.6631,
1.3299

 51.6375, 38.8475,
31.4934


 2.5338, 0.9585,
0.0861

 69.7939, 54.3075,
45.4844

 0.9124, 0.0000,
0.0000

 91.7738, 73.4054,
63.1047

 0.0000, 0.0000,
0.0000

 117.9426, 96.5256,
84.7729

 148.6657,

124.0525, 110.9076

184.3084,
156.3706, 141.9272

■ 16.4561, 10.4514,
7.1112

■ 16.4561, 10.4514,
7.1112

■ 15.4281, 9.0081,
4.8796

■ 17.8177, 12.4108,
9.9200

■ 14.7034, 8.0304,
3.1839

■ 19.5380, 14.9274,
13.3422

■ 14.2471, 7.4598,
1.9779

■ 21.6405, 18.0398,
17.4115

■ 14.0623, 7.2311,
1.4815

■ 24.1467, 21.7830,
22.1591

■ 27.0761, 26.1891,
27.6142

■ 30.4472, 31.2880,
33.8042

■ 34.2774, 37.1079,
40.7550

■ 38.5831, 43.6754,
48.4914

■ 43.3799, 51.0156,
57.0370

Harmonies

Analogous

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



16.6430, 10.4514, 15.2882



16.4561, 10.4514, 7.1112



14.3210, 10.4514, 3.0583

Triad

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



16.4561, 10.4514, 7.1112



6.2773, 10.4514, 3.5125



8.7512, 10.4514, 36.0927

Complementary

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



16.4561, 10.4514, 7.1112



18.5711, 26.9079, 29.8084

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.



6.5487, 10.4514, 28.2901



16.4561, 10.4514, 7.1112



5.3243, 10.4514, 8.2017

Square

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



16.4561, 10.4514, 7.1112



8.3030, 10.4514, 1.8110



5.4126, 10.4514, 17.0851



11.7652, 10.4514, 35.2767

Rectangle

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



16.4561, 10.4514, 7.1112



12.2833, 10.4514, 1.9543



5.4126, 10.4514, 17.0851



7.9047, 10.4514, 34.2752

Sweetspot

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



16.4564, 10.4520, 7.1114



45.7505, 42.7744, 44.3702



18.6300, 11.0009, 33.0395



9.7663, 8.9602, 9.2020



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.4564, 10.4520, 7.1114



27.0283, 15.3092, 7.3647



18.3899, 14.9965, 5.6676



6.6712, 6.6614, 7.1197



11.4303, 5.8767, 1.2511



0.2144, 0.1091, 0.0750

Inverse Universe

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



16.4564, 10.4520, 7.1114



27.0283, 15.3092, 7.3647



14.6339, 17.1090, 34.4291



6.6712, 6.6614, 7.1197



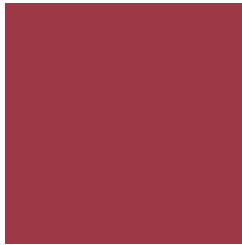
11.4303, 5.8767, 1.2511



0.2144, 0.1091, 0.0750

Previews

White Background



This preview shows how the XYZ color 16.4561, 10.4514, 7.1112 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 16.4561, 10.4514, 7.1112 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 16.4561, 10.4514, 7.1112

Background



This preview shows how black text looks on a background with the XYZ color 16.4561, 10.4514, 7.1112.



This preview shows how white text looks on a background with the XYZ color 16.4561, 10.4514,

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

16.4561, 10.4514, 7.1112

Protanopia

10.1186, 10.5664, 10.7387

Deuteranopia

10.7798, 10.6240, 6.6367



Tritanopia

16.0657, 10.4310, 5.5815

Trichromacy



Original Color

16.4561, 10.4514, 7.1112

Protanomaly

11.5835, 9.8399, 9.2714

Deuteranomaly

12.2320, 10.0219, 6.7586

Tritanomaly

16.1276, 10.3758, 6.1537

Monochromacy



Original Color

16.4561, 10.4514, 7.1112

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.9175, 9.2888, 9.2001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4561, 10.4514, 7.1112 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(157, 56, 71)` looks like.

```
.text, #text, p{  
    color:rgb(157, 56, 71)  
}
```

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(157, 56, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 56, 71) }
```

Border

The CSS property to change the border of an element to XYZ 16.4561, 10.4514, 7.1112 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(157, 56, 71) }
```


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

```
.border{ border-color:rgb(157, 56, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 56, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 56, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 56, 71);  
box-shadow:4px 4px 4px 4px rgb(157, 56,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4561, 10.4514, 7.1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 56, 71) }
```

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

```
.background{ background-color: rgb(157, 56,  
71) }
```

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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