

Converting Colors

XYZ(15.7581, 10.5557, 7.1194)

Have a look what the booklet for
XYZ(15.7581, 10.5557, 7.1194)
contains.

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Color

**XYZ(15.8088, 10.5756,
7.1693)**

Conversions

Conversions Part 1

Format	Color
Hex	983E47
RGB	152, 62, 71
RGB Percent	60%, 24%, 28%
CMY	0.4039, 0.7568, 0.7216
CMYK	0.00, 0.59, 0.53, 0.40
HSL	354°, 42%, 42%
HSV	354°, 59%, 60%
XYZ	15.8088, 10.5756, 7.1693
YIQ	89.9360, 50.7510, 21.8790

Conversions

Conversions Part 2

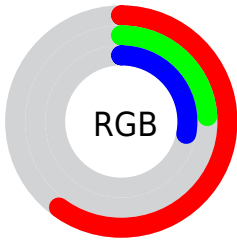
Format	Color
R_{YB}	152, 62, 71
Decimal	9977415
CIE Lab	38.86, 38.52, 13.82
CIE LCh	39, 40.927, 19.733
Yxy	10.5756, 0.4711, 0.3152
Android (android.graphics.Color)	4288167495 (0xFF983E47)
YUV	89.9360, -9.3354, 54.4301
Hunter-Lab	32.5201, 29.8627, 9.6932

Details

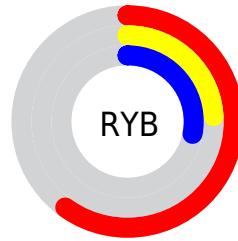
The XYZ color **15.8088, 10.5756, 7.1693** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.1734, 25.4639, 29.9457**, and the grayscale version is **9.7166, 10.2226, 11.1324**.

A 20% lighter version of the original color is **35.8132, 26.8438, 20.7466**, and **5.0986, 2.7009, 1.3512** is the 20% darker color. If you saturate the color by 10%, you get **14.7041, 8.9915, 4.8734**, and if you desaturate by 10%, it is **17.2441, 12.6628, 10.0634**.

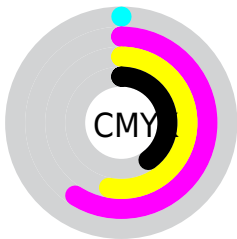
Distribution



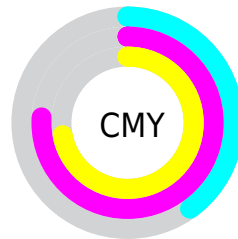
- Red (60%)
- Green (24%)
- Blue (28%)



- Red (60%)
- Yellow (24%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (53%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8088, 10.5756, 7.1693 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 15.8088, 10.5756, 7.1693 by changing the saturation by 10% instead.


 15.8088, 10.5756,
7.1693


 15.8088, 10.5756,
7.1693


221.5035,
194.7323, 178.7471


 9.4789, 5.7822,
3.4882


 35.8261, 26.8727,
20.8316


 5.1145, 2.7131,
1.3490

 50.2442, 39.1451,
31.6499


 2.3500, 0.9839,
0.1014

 68.0892, 54.6795,
45.6843

 0.8201, 0.0000,
0.0000

 89.7263, 73.8600,
63.3534

 0.0000, 0.0000,
0.0000

 115.5209, 97.0712,
85.0757

 145.8384,

124.6973, 111.2697

181.0442,
157.1229, 142.3540

■ 15.8088, 10.5756,
7.1693

■ 15.8088, 10.5756,
7.1693

■ 14.7041, 8.9915,
4.8734

■ 17.2441, 12.6628,
10.0634

■ 13.9026, 7.8664,
3.1331

■ 19.0329, 15.2888,
13.5930

■ 13.3739, 7.1516,
1.9010

■ 21.1969, 18.4883,
17.7931

■ 13.0575, 6.7398,
1.1138

■ 23.7557, 22.2923,
22.6960

■ 13.0364, 6.7104,
1.0673

■ 26.7279, 26.7298,
28.3319

■ 30.1305, 31.8279,
34.7292

■ 33.9798, 37.6119,
41.9147

■ 38.2912, 44.1061,
49.9141

■ 43.0794, 51.3334,
58.7518

Harmonies

Analogous

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



16.1122, 10.5756, 14.3901



15.8088, 10.5756, 7.1693



13.8170, 10.5756, 3.4604

Triad

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



15.8088, 10.5756, 7.1693



6.5719, 10.5756, 4.3035



9.1499, 10.5756, 33.3763

Complementary

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



15.8088, 10.5756, 7.1693



18.1734, 25.4639, 29.9457

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.



7.0415, 10.5756, 27.1022



15.8088, 10.5756, 7.1693



5.7409, 10.5756, 9.0509

Square

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



15.8088, 10.5756, 7.1693



8.3904, 10.5756, 2.3974



5.8957, 10.5756, 17.3356



11.9191, 10.5756, 32.0950

Rectangle

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



15.8088, 10.5756, 7.1693



11.9704, 10.5756, 2.4142



5.8957, 10.5756, 17.3356



8.3500, 10.5756, 32.0008

Sweetspot

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



15.8091, 10.5762, 7.1695



42.3519, 39.9748, 40.8616



18.7181, 11.5525, 30.9488



9.3279, 8.6417, 8.7189



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.



15.8091, 10.5762, 7.1695



25.4497, 15.1566, 7.5244



18.1864, 15.7592, 6.6416



6.2326, 6.2322, 6.6052



10.9368, 5.6289, 0.9261



0.1693, 0.0865, 0.0444

Inverse Universe

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



15.8091, 10.5762, 7.1695



25.4497, 15.1566, 7.5244



13.9000, 15.7825, 32.0192



6.2326, 6.2322, 6.6052



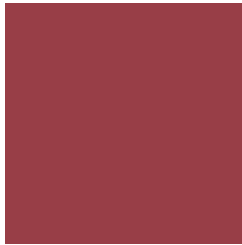
10.9368, 5.6289, 0.9261



0.1693, 0.0865, 0.0444

Previews

White Background



This preview shows how the XYZ color 15.8088, 10.5756, 7.1693 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 15.8088, 10.5756, 7.1693 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 15.8088, 10.5756, 7.1693

Background



This preview shows how black text looks on a background with the XYZ color 15.8088, 10.5756, 7.1693.



This preview shows how white text looks on a background with the XYZ color 15.8088, 10.5756,

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

15.8088, 10.5756, 7.1693

Protanopia

10.2907, 10.7970, 10.1360

Deuteranopia

10.8095, 10.6359, 6.7934



Tritanopia

15.7395, 10.6357, 6.5335

Trichromacy



Original Color

15.8088, 10.5756, 7.1693

Protanomaly

11.5929, 10.1771, 8.9428

Deuteranomaly

12.2968, 10.3693, 6.8222

Tritanomaly

15.7698, 10.6478, 6.6929

Monochromacy



Original Color

15.8088, 10.5756, 7.1693

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.2400, 9.8726, 9.4968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8088, 10.5756, 7.1693 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(152, 62, 71)` looks like.

```
.text, #text, p{  
    color:rgb(152, 62, 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(152, 62, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 62, 71) }
```

Border

The CSS property to change the border of an element to XYZ 15.8088, 10.5756, 7.1693 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(152, 62, 71) }
```


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

```
.border{ border-color:rgb(152, 62, 71) }
```

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

Here you see how a box with a 4 pixel rgb(152, 62, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 62, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 62, 71);  
box-shadow:4px 4px 4px 4px rgb(152, 62,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8088, 10.5756, 7.1693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 62, 71) }
```

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

```
.background{ background-color: rgb(152, 62,  
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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