

Converting Colors

XYZ(15.1298, 10.8020, 12.4423)

Have a look what the booklet for
XYZ(15.1298, 10.8020, 12.4423)
contains.

XYZ(15.1167, 10.8003, 12.3543)	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(15.1167, 10.8003,
12.3543)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4660
RGB	140, 70, 96
RGB Percent	55%, 27%, 38%
CMY	0.4510, 0.7255, 0.6235
CMYK	0.00, 0.50, 0.31, 0.45
HSL	338°, 33%, 41%
HSV	338°, 50%, 55%
XYZ	15.1167, 10.8003, 12.3543
YIQ	93.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

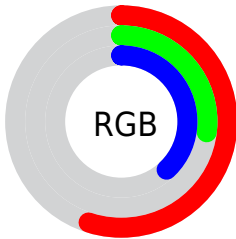
Format	Color
R_{YB}	140, 70, 96
Decimal	9193056
CIE _{Lab}	39.24, 32.79, -1.58
CIE _{LCh}	39, 32.826, 357.243
Yxy	10.8003, 0.3950, 0.2822
Android (android.graphics.Color)	4287383136 (0xFF8C4660)
YUV	93.8940, 1.0383, 40.4350
Hunter-Lab	32.8638, 24.5948, 0.7161

Details

The XYZ color **15.1167, 10.8003, 12.3543** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.9417, 21.2734, 19.2393**, and the grayscale version is **10.6067, 11.1591, 12.1523**.

A 20% lighter version of the original color is **34.6697, 27.2440, 30.6255**, and **4.7744, 2.7929, 3.3050** is the 20% darker color. If you saturate the color by 10%, you get **13.9581, 9.0956, 10.0797**, and if you desaturate by 10%, it is **16.5255, 12.9326, 14.9363**.

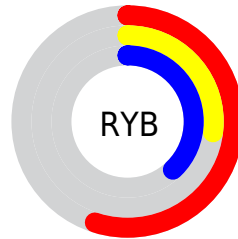
Distribution



Red (55%)

Green (27%)

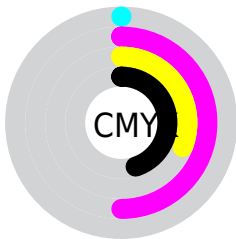
Blue (38%)



Red (55%)

Yellow (27%)

Blue (38%)

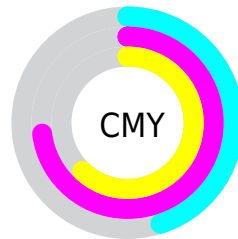


Cyan (0%)

Magenta (50%)

Yellow (31%)

Black (45%)



Cyan (45%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1167, 10.8003, 12.3543 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 15.1167, 10.8003, 12.3543 by changing the saturation by 10% instead.

■ 15.1167, 10.8003,
12.3543

■ 15.1167, 10.8003,
12.3543

217.4459,
196.2923, 217.7974

■ 8.9882, 5.9327,
6.8600

■ 34.6278, 27.2903,
30.8128

■ 4.7905, 2.8042,
3.2976

■ 48.7410, 39.6815,
44.6140

■ 2.1584, 1.0304,
1.2485

■ 66.2465, 55.3493,
62.0213

■ 0.7207, 0.0000,
0.0190

■ 87.5097, 74.6783,
83.4532

■ 0.0000, 0.0000,
0.0000

■ 112.8959, 98.0526,
109.3282

142.7704,

125.8568, 140.0649

177.4986,
158.4752, 176.0818

■ 15.1167, 10.8003,
12.3543

■ 15.1167, 10.8003,
12.3543

■ 13.9581, 9.0956,
10.0797

■ 16.5255, 12.9326,
14.9363

■ 13.0329, 7.7875,
8.0993

■ 18.1979, 15.5175,
17.8369

■ 12.3235, 6.8433,
6.3997


■ 20.1477, 18.5798,
21.0675


■ 11.8092, 6.2244,
4.9656


■ 22.3871, 22.1424,
24.6387


■ 11.4351, 5.8235,
3.7700


■ 24.9278, 26.2264,
28.5603

 11.4350, 5.8234,
3.7697

 27.7806, 30.8517,
32.8422

 30.9561, 36.0373,
37.4934

 34.4641, 41.8011,
42.5229

 38.3141, 48.1604,
47.9393

Harmonies

Analogous

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



14.2657, 10.8003, 19.6417



15.1167, 10.8003, 12.3543



14.5215, 10.8003, 7.0257

Triad

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



15.1167, 10.8003, 12.3543



8.4420, 10.8003, 3.9237



8.1353, 10.8003, 25.2350

Complementary

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



15.1167, 10.8003, 12.3543



14.9417, 21.2734, 19.2393

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.



6.9345, 10.8003, 18.2499



15.1167, 10.8003, 12.3543



7.0929, 10.8003, 6.3314

Square

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



15.1167, 10.8003, 12.3543



10.4709, 10.8003, 3.3160



6.5819, 10.8003, 11.1845



10.0625, 10.8003, 28.5650

Rectangle

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



15.1167, 10.8003, 12.3543



13.4258, 10.8003, 4.9008



6.5819, 10.8003, 11.1845



7.6445, 10.8003, 23.1369

Sweetspot

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



15.1170, 10.8008, 12.3545



37.3046, 35.5851, 40.0144



13.7558, 9.7962, 25.9768



8.4293, 7.9350, 8.9534



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.1170, 10.8008, 12.3545



24.3798, 15.7060, 17.3002



14.6574, 11.4907, 7.2404



5.1047, 5.0773, 5.6397



10.1694, 5.1779, 3.3967



0.0742, 0.0371, 0.0576

Inverse Universe

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



15.1170, 10.8008, 12.3545



24.3798, 15.7060, 17.3002



15.4885, 19.6532, 27.7881



5.1047, 5.0773, 5.6397



10.1694, 5.1779, 3.3967



0.0742, 0.0371, 0.0576

Previews

White Background



This preview shows how the XYZ color 15.1167, 10.8003, 12.3543 looks on a white background.

Color Contrast Check

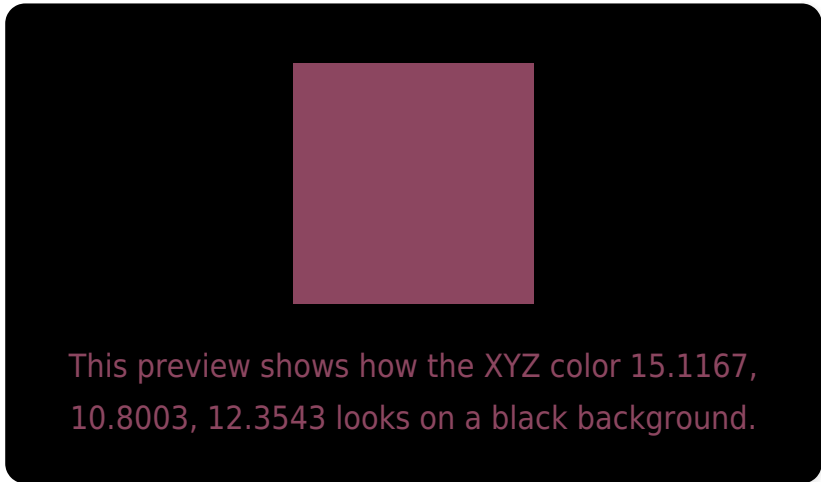
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.1167, 10.8003, 12.3543

Background



This preview shows how black text looks on a background with the XYZ color 15.1167, 10.8003, 12.3543.



This preview shows how white text looks on a background with the XYZ color 15.1167, 10.8003,

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

15.1167, 10.8003, 12.3543

Protanopia

10.8581, 10.9537, 16.2939

Deuteranopia

11.1114, 10.9274, 11.8795



Tritanopia

14.2751, 10.7329, 8.7164

Trichromacy



Original Color

15.1167, 10.8003, 12.3543

Protanomaly

11.9045, 10.5487, 14.7733

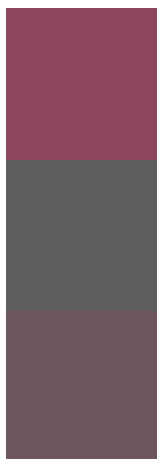
Deuteranomaly

12.3161, 10.7077, 12.0073

Tritanomaly

14.6045, 10.7796, 9.9053

Monochromacy



Original Color

15.1167, 10.8003, 12.3543

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.8696, 10.7027, 12.2667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1167, 10.8003, 12.3543 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(140, 70, 96)` looks like.

```
.text, #text, p{  
  color:rgb(140, 70, 96)  
}
```

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(140, 70, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 70, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.1167, 10.8003, 12.3543 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(140, 70, 96) }
```


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

```
.border{ border-color:rgb(140, 70, 96) }
```

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

Here you see how a box with a 4 pixel rgb(140, 70, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 70, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 70, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 70,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1167, 10.8003, 12.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 70, 96) }
```

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

```
.background{ background-color: rgb(140, 70,  
96) }
```

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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