

Converting Colors

XYZ(19.1656, 12.9090, 7.6130)

Have a look what the booklet for
XYZ(19.1656, 12.9090, 7.6130)
contains.

XYZ(19.2342, 12.9396, 7.6147)	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(19.2342, 12.9396,
7.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	A74548
RGB	167, 69, 72
RGB Percent	65%, 27%, 28%
CMY	0.3451, 0.7294, 0.7176
CMYK	0.00, 0.59, 0.57, 0.35
HSL	358°, 42%, 46%
HSV	358°, 59%, 65%
XYZ	19.2342, 12.9396, 7.6147
YIQ	98.6440, 57.4450, 21.7090

Conversions

Conversions Part 2

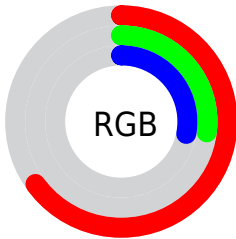
Format	Color
R_{YB}	167, 69, 72
Decimal	10962248
CIE _{Lab}	42.67, 40.65, 18.76
CIE _{LCh}	43, 44.772, 24.770
Yxy	12.9396, 0.4834, 0.3252
Android (android.graphics.Color)	4289152328 (0xFFA74548)
YUV	98.6440, -13.1355, 59.9482
Hunter-Lab	35.9717, 32.4943, 12.6293

Details

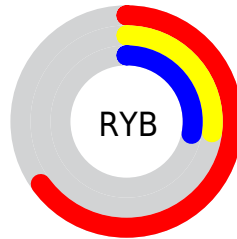
The XYZ color **19.2342, 12.9396, 7.6147** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22.9747, 31.5833, 40.0097**, and the grayscale version is **11.7925, 12.4067, 13.5108**.

A 20% lighter version of the original color is **41.5916, 31.1996, 21.5993**, and **6.8092, 3.7178, 1.5211** is the 20% darker color. If you saturate the color by 10%, you get **17.8872, 10.9825, 4.8942**, and if you desaturate by 10%, it is **21.0100, 15.5319, 11.1645**.

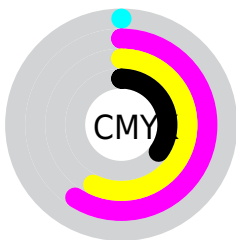
Distribution



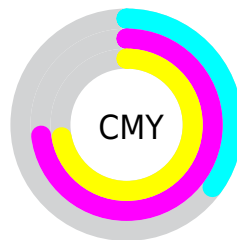
- Red (65%)
- Green (27%)
- Blue (28%)



- Red (65%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (57%)
- Black (35%)



- Cyan (35%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2342, 12.9396, 7.6147 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 19.2342, 12.9396, 7.6147 by changing the saturation by 10% instead.

■ 19.2342, 12.9396,
7.6147

■ 19.2342, 12.9396,
7.6147

240.6520,
210.5302, 182.4982

■ 11.9446, 7.3870,
3.7652

■ 41.6433, 31.1952,
21.7331

■ 6.7779, 3.7053,
1.4974

■ 57.4935, 44.6670,
32.8391

■ 3.3687, 1.5101,
0.2160

■ 76.9280, 61.5473,
47.2010

■ 1.3516, 0.2958,
0.0000

■ 100.3122, 82.2205,
65.2374

■ 0.2213, 0.0000,
0.0000

■ 128.0113,
107.0710, 87.3667

■ 0.0000, 0.0000,
0.0000

160.3907,

136.4832, 114.0076

197.8158,
170.8415, 145.5786

■ 19.2342, 12.9396,
7.6147

■ 19.2342, 12.9396,
7.6147

■ 17.8872, 10.9825,
4.8942

■ 21.0100, 15.5319,
11.1645

■ 16.9319, 9.6041,
2.9352

■ 23.2457, 18.8054,
15.6027

■ 16.3266, 8.7416,
1.6603

■ 25.9706, 22.8042,
20.9838

■ 16.0000, 8.2792,
0.9627

■ 29.2112, 27.5683,
27.3580

■ 15.9643, 8.2267,
0.8930

■ 32.9923, 33.1346,
34.7715

■ 37.3370, 39.5377,
43.2679

■ 42.2670, 46.8102,
52.8882

■ 47.8028, 54.9827,
63.6713

■ 53.9642, 64.0847,
75.6542

Harmonies

Analogous

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



20.0177, 12.9396, 15.8639



19.2342, 12.9396, 7.6147



16.4646, 12.9396, 3.6669

Triad

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



19.2342, 12.9396, 7.6147



7.6975, 12.9396, 5.8184



11.7129, 12.9396, 42.1354

Complementary

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



19.2342, 12.9396, 7.6147



22.9747, 31.5833, 40.0097

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.



8.9024, 12.9396, 35.5601



19.2342, 12.9396, 7.6147



6.8733, 12.9396, 12.4518

Square

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



19.2342, 12.9396, 7.6147



9.7599, 12.9396, 3.0148



7.2700, 12.9396, 23.4703



15.2435, 12.9396, 38.8156

Rectangle

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



19.2342, 12.9396, 7.6147



14.0956, 12.9396, 2.6499



7.2700, 12.9396, 23.4703



10.6614, 12.9396, 40.9447

Sweetspot

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



19.2345, 12.9403, 7.6149



52.5381, 49.7006, 49.4334



24.3584, 14.9111, 38.1535



11.3675, 10.5490, 10.2971



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.2345, 12.9403, 7.6149



31.5276, 18.9348, 7.7316



23.1114, 20.8466, 8.4368



7.5401, 7.5459, 7.8951



12.2194, 6.2965, 0.7011



0.3001, 0.1543, 0.0319

Inverse Universe

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



19.2345, 12.9403, 7.6149



31.5276, 18.9348, 7.7316



16.2998, 17.7957, 39.1350



7.5401, 7.5459, 7.8951



12.2194, 6.2965, 0.7011



0.3001, 0.1543, 0.0319

Previews

White Background



This preview shows how the XYZ color 19.2342, 12.9396, 7.6147 looks on a white background.

Color Contrast Check

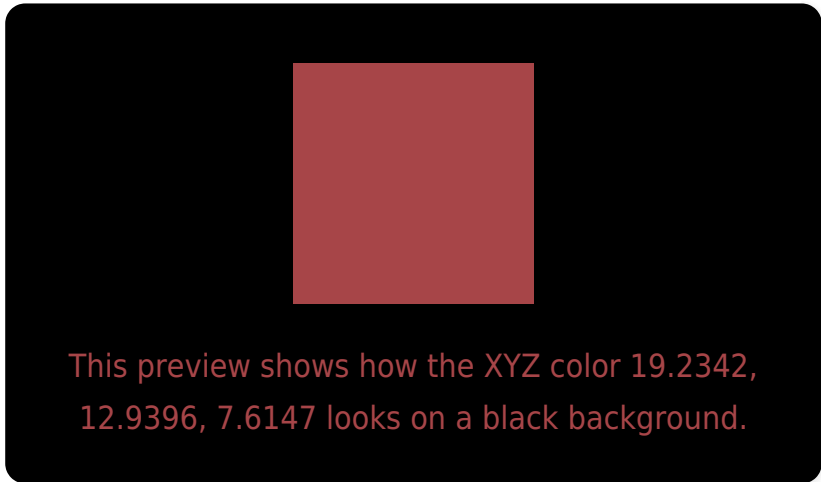
Large Text (above 18pt) WCAG AA ✓ Pass

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

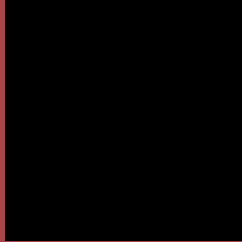
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2342, 12.9396, 7.6147

Background



This preview shows how black text looks on a background with the XYZ color 19.2342, 12.9396, 7.6147.



This preview shows how white text looks on a background with the XYZ color 19.2342, 12.9396,

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

19.2342, 12.9396, 7.6147

Protanopia

12.3968, 13.1050, 10.6802

Deuteranopia

13.3139, 13.0922, 7.1355



Tritanopia

19.2671, 12.9528, 7.7880

Trichromacy



Original Color

19.2342, 12.9396, 7.6147

Protanomaly

14.1108, 12.4060, 9.4354

Deuteranomaly

14.9636, 12.6493, 7.2831

Tritanomaly

19.2671, 12.9528, 7.7880

Monochromacy



Original Color

19.2342, 12.9396, 7.6147

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.6051, 11.9858, 11.0476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2342, 12.9396, 7.6147 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(167, 69, 72)` looks like.

```
.text, #text, p{  
    color:rgb(167, 69, 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(167, 69, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 69, 72) }
```

Border

The CSS property to change the border of an element to XYZ 19.2342, 12.9396, 7.6147 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(167, 69, 72) }
```


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

```
.border{ border-color:rgb(167, 69, 72) }
```

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

Here you see how a box with a 4 pixel rgb(167, 69, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 69, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 69, 72);  
box-shadow:4px 4px 4px 4px rgb(167, 69,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2342, 12.9396, 7.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 69, 72) }
```

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

```
.background{ background-color: rgb(167, 69,  
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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