

Converting Colors

XYZ(19.3489, 15.5801, 12.2896)

Have a look what the booklet for
XYZ(19.3489, 15.5801, 12.2896)
contains.

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Color

**XYZ(19.4077, 15.5876,
12.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5D5D
RGB	155, 93, 93
RGB Percent	61%, 36%, 36%
CMY	0.3922, 0.6353, 0.6353
CMYK	0.00, 0.40, 0.40, 0.39
HSL	0°, 25%, 49%
HSV	0°, 40%, 61%
XYZ	19.4077, 15.5876, 12.3417
YIQ	111.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

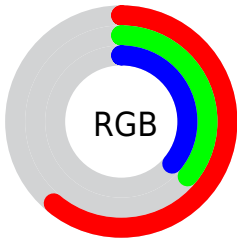
Format	Color
R_{YB}	155, 93, 93
Decimal	10181981
CIE Lab	46.43, 25.34, 10.84
CIE LCh	46, 27.564, 23.169
Yxy	15.5876, 0.4100, 0.3293
Android (android.graphics.Color)	4288372061 (0xFF9B5D5D)
YUV	111.5380, -9.1392, 38.1162
Hunter-Lab	39.4811, 18.6531, 9.1029

Details

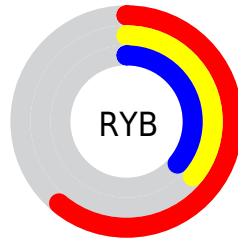
The XYZ color **19.4077, 15.5876, 12.3417** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1513, 28.1351, 35.2734**, and the grayscale version is **15.2846, 16.0806, 17.5118**.

A 20% lighter version of the original color is **41.7952, 35.7786, 30.6897**, and **6.8183, 4.8487, 3.2659** is the 20% darker color. If you saturate the color by 10%, you get **17.5642, 12.8902, 8.6765**, and if you desaturate by 10%, it is **21.6669, 18.8936, 16.8323**.

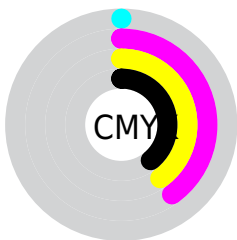
Distribution



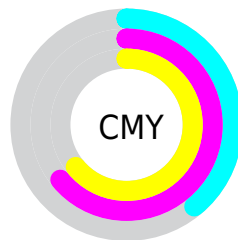
- Red (61%)
- Green (36%)
- Blue (36%)



- Red (61%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4077, 15.5876, 12.3417 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 19.4077, 15.5876, 12.3417 by changing the saturation by 10% instead.

■ 19.4077, 15.5876,
12.3417

■ 19.4077, 15.5876,
12.3417

241.5855,
226.8958, 217.7121

■ 12.0710, 9.2328,
6.8515

■ 41.9335, 35.8808,
30.7896

■ 6.8646, 4.8933,
3.2924

■ 57.8532, 50.5879,
44.5843

■ 3.4231, 2.1848,
1.2458

■ 77.3647, 68.8480,
61.9843

■ 1.3813, 0.7117,
0.0167

■ 100.8333, 91.0454,
83.4081

■ 0.2428, 0.0000,
0.0000

128.6243,
117.5644, 109.2743

■ 0.0000, 0.0000,
0.0000

161.1031,

148.7896, 140.0013

198.6350,
185.1052, 176.0077

■ 19.4077, 15.5876,
12.3417

■ 19.4077, 15.5876,
12.3417

■ 17.5642, 12.8902,
8.6765

■ 21.6669, 18.8936,
16.8323

■ 16.1100, 10.7623,
5.7858

■ 24.3636, 22.8397,
22.1934

■ 15.0176, 9.1637,
3.6141


■ 27.5198, 27.4581,
28.4678


■ 14.2551, 8.0479,
2.0984


■ 31.1554, 32.7780,
35.6953


■ 13.7855, 7.3607,
1.1651


■ 35.2893, 38.8269,
43.9133

 13.5177, 6.9688,
0.6327

 39.9391, 45.6310,
53.1573

 13.5177, 6.9688,
0.6326

 45.1220, 53.2149,
63.4609

 50.8540, 61.6023,
74.8561

 57.1506, 70.8159,
87.3739

Harmonies

Analogous

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



19.8114, 15.5876, 18.5708



19.4077, 15.5876, 12.3417



17.7158, 15.5876, 8.5288

Triad

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



19.4077, 15.5876, 12.3417



11.4621, 15.5876, 10.2945



14.2806, 15.5876, 33.4894

Complementary

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



19.4077, 15.5876, 12.3417



22.1513, 28.1351, 35.2734

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.



12.2505, 15.5876, 29.6940



19.4077, 15.5876, 12.3417



10.7392, 15.5876, 15.4681

Square

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



19.4077, 15.5876, 12.3417



13.0955, 15.5876, 7.5856



11.0117, 15.5876, 22.6365



16.6800, 15.5876, 32.0032

Rectangle

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



19.4077, 15.5876, 12.3417



16.1733, 15.5876, 7.3011



11.0117, 15.5876, 22.6365



13.5360, 15.5876, 32.7616

Sweetspot

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



19.4081, 15.5884, 12.3420



47.9489, 47.2193, 48.3264



23.3483, 17.1639, 33.0927



10.6962, 10.4584, 10.6268



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.



19.4081, 15.5884, 12.3420



31.7729, 23.5492, 16.1692



22.7010, 22.1742, 13.4396



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5081



0.1623, 0.0837, 0.0076

Inverse Universe

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



22.1513, 28.1351, 35.2734



37.3828, 49.2072, 63.0639



17.6383, 19.1091, 33.7691



6.3846, 7.0265, 7.9487



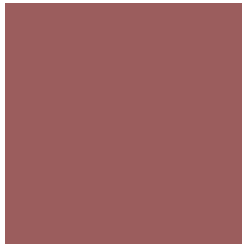
14.1654, 20.7275, 28.1619



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 19.4077, 15.5876, 12.3417 looks on a white background.

Color Contrast Check

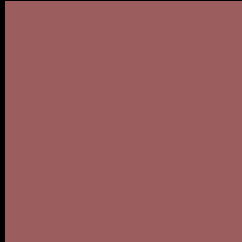
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4077, 15.5876, 12.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

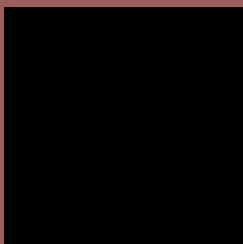
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.4077, 15.5876, 12.3417

Background



This preview shows how black text looks on a background with the XYZ color 19.4077, 15.5876, 12.3417.



This preview shows how white text looks on a background with the XYZ color 19.4077, 15.5876,

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

19.4077, 15.5876, 12.3417

Protanopia

14.9136, 15.6886, 14.8125

Deuteranopia

15.9444, 15.6526, 12.0784



Tritanopia

19.7896, 15.6231, 13.7769

Trichromacy



Original Color

19.4077, 15.5876, 12.3417

Protanomaly

16.2557, 15.4686, 13.9334

Deuteranomaly

17.0667, 15.4833, 12.2143

Tritanomaly

19.6951, 15.5853, 13.2795

Monochromacy



Original Color

19.4077, 15.5876, 12.3417

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5035, 15.7123, 15.5275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4077, 15.5876, 12.3417 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(155, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(155, 93, 93)  
}
```

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(155, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 93, 93) }
```

Border

The CSS property to change the border of an element to XYZ 19.4077, 15.5876, 12.3417 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(155, 93, 93) }
```


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

```
.border{ border-color:rgb(155, 93, 93) }
```

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

Here you see how a box with a 4 pixel rgb(155, 93, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(155, 93,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4077, 15.5876, 12.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 93, 93) }
```

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

```
.background{ background-color: rgb(155, 93,  
93) }
```

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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