

Converting Colors

XYZ(18.5669, 13.5080, 12.3511)

Have a look what the booklet for
XYZ(18.5669, 13.5080, 12.3511)
contains.

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Color

**XYZ(18.5718, 13.4861,
12.4507)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4F5F
RGB	156, 79, 95
RGB Percent	61%, 31%, 37%
CMY	0.3882, 0.6902, 0.6274
CMYK	0.00, 0.49, 0.39, 0.39
HSL	348°, 33%, 46%
HSV	348°, 49%, 61%
XYZ	18.5718, 13.4861, 12.4507
YIQ	103.8470, 40.7560, 21.3000

Conversions

Conversions Part 2

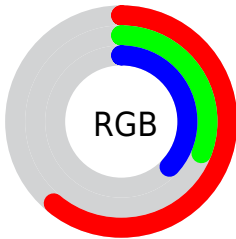
Format	Color
R_{YB}	156, 79, 95
Decimal	10243935
CIE Lab	43.49, 33.73, 5.49
CIE LCh	43, 34.176, 9.241
Yxy	13.4861, 0.4173, 0.3030
Android (android.graphics.Color)	4288434015 (0xFF9C4F5F)
YUV	103.8470, -4.3616, 45.7382
Hunter-Lab	36.7234, 26.0052, 5.6047

Details

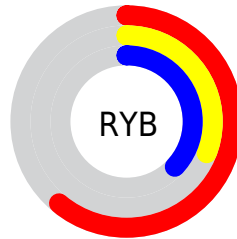
The XYZ color **18.5718, 13.4861, 12.4507** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8472, 27.3329, 29.0422**, and the grayscale version is **13.1212, 13.8046, 15.0332**.

A 20% lighter version of the original color is **40.5340, 32.1557, 30.8584**, and **6.4981, 3.9751, 3.3305** is the 20% darker color. If you saturate the color by 10%, you get **17.0578, 11.2869, 9.3908**, and if you desaturate by 10%, it is **20.4398, 16.2504, 16.0687**.

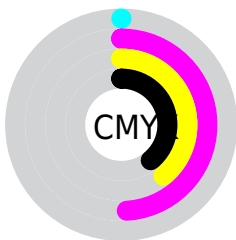
Distribution



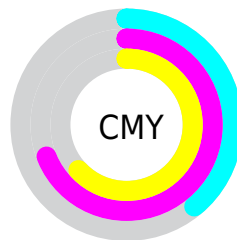
- Red (61%)
- Green (31%)
- Blue (37%)



- Red (61%)
- Yellow (31%)
- Blue (37%)



- Cyan (0%)
- Magenta (49%)
- Yellow (39%)
- Black (39%)



- Cyan (39%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5718, 13.4861, 12.4507 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 18.5718, 13.4861, 12.4507 by changing the saturation by 10% instead.

18.5718, 13.4861,
12.4507

18.5718, 13.4861,
12.4507

237.0583,
214.0100, 218.4494

11.4634, 7.7641,
6.9252

40.5318, 32.1744,
30.9899

6.4490, 3.9444,
3.3376

56.1141, 45.9094,
44.8407

3.1632, 1.6425,
1.2695

75.2518, 63.0843,
62.3036

1.2407, 0.3860,
0.0366

98.3102, 84.0834,
83.7972

0.1381, 0.0000,
0.0000

125.6547,
109.2912, 109.7401

0.0000, 0.0000,
0.0000

157.6507,

139.0919, 140.5507

194.6634,
173.8700, 176.6476

■ 18.5718, 13.4861,
12.4507

■ 18.5718, 13.4861,
12.4507

■ 17.0578, 11.2869,
9.3908

■ 20.4398, 16.2504,
16.0687

■ 15.8737, 9.6116,
6.8598

■ 22.6814, 19.6132,
20.2702

■ 14.9941, 8.4167,
4.8271


■ 25.3163, 23.6078,
25.0801


■ 14.3892, 7.6505,
3.2583


■ 28.3624, 28.2642,
30.5216


■ 13.9986, 7.2007,
2.1060

■ 31.8364, 33.6108,
36.6166

 13.9766, 7.1744,
2.0440

 35.7541, 39.6740,
43.3858

 40.1306, 46.4792,
50.8494

 44.9801, 54.0501,
59.0263

 50.3163, 62.4098,
67.9349

Harmonies

Analogous

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



18.2330, 13.4861, 20.5255



18.5718, 13.4861, 12.4507



17.2116, 13.4861, 7.2182

Triad

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



18.5718, 13.4861, 12.4507



9.8415, 13.4861, 5.9969



11.0859, 13.4861, 33.1310

Complementary

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



18.5718, 13.4861, 12.4507



19.8472, 27.3329, 29.0422

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.



9.2442, 13.4861, 26.0646



18.5718, 13.4861, 12.4507



8.5979, 13.4861, 10.0716

Square

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



18.5718, 13.4861, 12.4507



12.0125, 13.4861, 4.4384



8.3955, 13.4861, 17.1697



13.6590, 13.4861, 34.4600

Rectangle

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



18.5718, 13.4861, 12.4507



15.6222, 13.4861, 5.3372



8.3955, 13.4861, 17.1697



10.3715, 13.4861, 31.2547

Sweetspot

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



18.5722, 13.4868, 12.4510



48.1357, 46.1635, 49.4239



19.4976, 13.5093, 33.0323



10.3609, 9.8053, 10.4610



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.



18.5722, 13.4868, 12.4510



30.7855, 20.2188, 16.6480



19.7579, 16.9049, 9.6197



6.6866, 6.6676, 7.2010



11.5232, 5.9138, 1.7402



0.2193, 0.1111, 0.1012

Inverse Universe

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



18.5722, 13.4868, 12.4510



30.7855, 20.2188, 16.6480



17.7762, 21.1640, 34.6005



6.6866, 6.6676, 7.2010



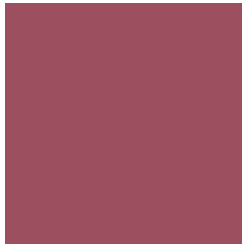
11.5232, 5.9138, 1.7402



0.2193, 0.1111, 0.1012

Previews

White Background



This preview shows how the XYZ color 18.5718, 13.4861, 12.4507 looks on a white background.

Color Contrast Check

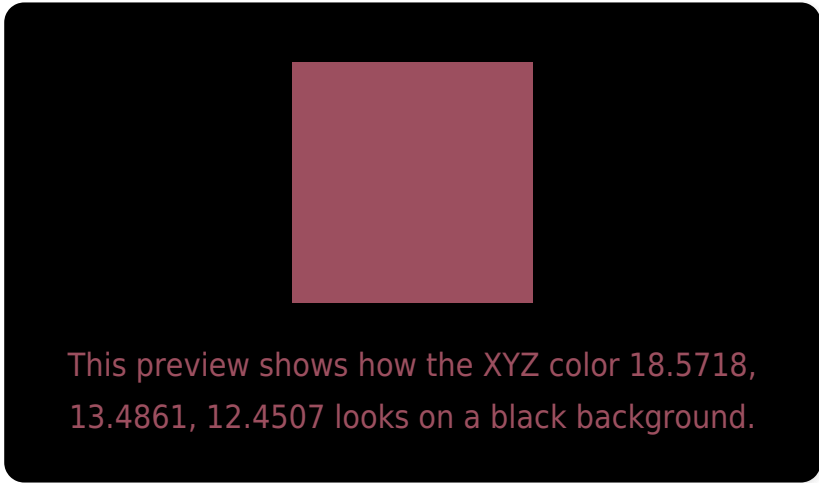
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5718, 13.4861, 12.4507

Background



This preview shows how black text looks on a background with the XYZ color 18.5718, 13.4861, 12.4507.



This preview shows how white text looks on a background with the XYZ color 18.5718, 13.4861,

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

18.5718, 13.4861, 12.4507

Protanopia

13.2659, 13.7263, 16.1376

Deuteranopia

13.9602, 13.7386, 12.0413



Tritanopia

18.1397, 13.5253, 10.4587

Trichromacy



Original Color

18.5718, 13.4861, 12.4507

Protanomaly

14.6193, 13.1956, 14.6085

Deuteranomaly

15.3186, 13.3501, 12.1254

Tritanomaly

18.1894, 13.4272, 11.0842

Monochromacy



Original Color

18.5718, 13.4861, 12.4507

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.6096, 13.3350, 14.1158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5718, 13.4861, 12.4507 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(156, 79, 95)` looks like.

```
.text, #text, p{  
    color:rgb(156, 79, 95)  
}
```

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(156, 79, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 79, 95) }
```

Border

The CSS property to change the border of an element to XYZ 18.5718, 13.4861, 12.4507 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(156, 79, 95) }
```


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

```
.border{ border-color:rgb(156, 79, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 79, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 79, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 79, 95);  
box-shadow:4px 4px 4px 4px rgb(156, 79,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5718, 13.4861, 12.4507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 79, 95) }
```

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

```
.background{ background-color: rgb(156, 79,  
95) }
```

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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