

Converting Colors

XYZ(18.1277, 13.1687, 14.4509)

Have a look what the booklet for
XYZ(18.1277, 13.1687, 14.4509)
contains.

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Color

**XYZ(18.1931, 13.2466,
14.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	984F67
RGB	152, 79, 103
RGB Percent	60%, 31%, 40%
CMY	0.4039, 0.6902, 0.5961
CMYK	0.00, 0.48, 0.32, 0.40
HSL	340°, 32%, 45%
HSV	340°, 48%, 60%
XYZ	18.1931, 13.2466, 14.4299
YIQ	103.5630, 35.8040, 22.9400

Conversions

Conversions Part 2

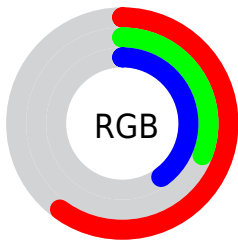
Format	Color
R_{YB}	152, 79, 103
Decimal	9981799
CIE Lab	43.13, 33.27, -0.02
CIE LCh	43, 33.274, 359.973
Yxy	13.2466, 0.3966, 0.2888
Android (android.graphics.Color)	4288171879 (0xFF984F67)
YUV	103.5630, -0.2776, 42.4792
Hunter-Lab	36.3959, 25.5335, 1.9704

Details

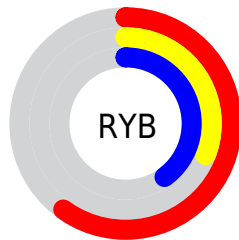
The XYZ color **18.1931, 13.2466, 14.4299** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3496, 25.6777, 24.4126**, and the grayscale version is **13.0358, 13.7147, 14.9353**.

A 20% lighter version of the original color is **39.8278, 31.7083, 34.5930**, and **6.2151, 3.8107, 4.1494** is the 20% darker color. If you saturate the color by 10%, you get **16.7382, 11.1069, 11.5705**, and if you desaturate by 10%, it is **19.9620, 15.9140, 17.7026**.

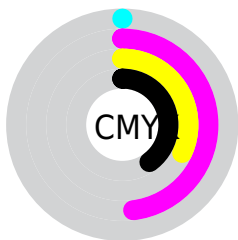
Distribution



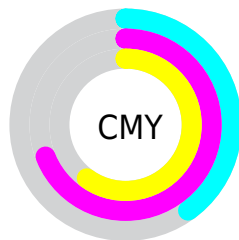
- Red (60%)
- Green (31%)
- Blue (40%)



- Red (60%)
- Yellow (31%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1931, 13.2466, 14.4299 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 18.1931, 13.2466, 14.4299 by changing the saturation by 10% instead.

■ 18.1931, 13.2466,
14.4299

■ 18.1931, 13.2466,
14.4299

234.9818,
212.4921, 231.4098

■ 11.1892, 7.5986,
8.2781

■ 39.8936, 31.7461,
34.5779

■ 6.2625, 3.8392,
4.1831

■ 55.3209, 45.3664,
49.4113

■ 3.0475, 1.5840,
1.7263

■ 74.2868, 62.4128,
67.9755

■ 1.1789, 0.3468,
0.3787

■ 97.1566, 83.2699,
90.6893

■ 0.0896, 0.0000,
0.0000

■ 124.2956,
108.3220, 117.9710

■ 0.0000, 0.0000,
0.0000

156.0693,

137.9534, 150.2393

192.8429,
172.5487, 187.9127

■ 18.1931, 13.2466,
14.4299

■ 18.1931, 13.2466,
14.4299

■ 16.7382, 11.1069,
11.5705

■ 19.9620, 15.9140,
17.7026

■ 15.5765, 9.4574,
9.1061

■ 22.0615, 19.1394,
21.4042

■ 14.6866, 8.2587,
7.0179

■ 24.5085, 22.9530,
25.5506

■ 14.0433, 7.4646,
5.2851

■ 27.3183, 27.3823,
30.1564

■ 13.6011, 6.9884,
3.8790

■ 30.5052, 32.4532,
35.2355

■ 13.5240, 6.9055,
3.6341

■ 34.0828, 38.1898,
40.8013

■ 38.0640, 44.6153,
46.8665

■ 42.4611, 51.7515,
53.4436

■ 47.2859, 59.6194,
60.5444

Harmonies

Analogous

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



17.3603, 13.2466, 22.7068



18.1931, 13.2466, 14.4299



17.3632, 13.2466, 8.4560

Triad

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



18.1931, 13.2466, 14.4299



10.2842, 13.2466, 5.3228



10.2807, 13.2466, 30.4299

Complementary

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



18.1931, 13.2466, 14.4299



18.3496, 25.6777, 24.4126

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.



8.7839, 13.2466, 22.6913



18.1931, 13.2466, 14.4299



8.7857, 13.2466, 8.4480

Square

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



18.1931, 13.2466, 14.4299



12.5928, 13.2466, 4.4090



8.2753, 13.2466, 14.4167



12.5882, 13.2466, 33.6552

Rectangle

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



18.1931, 13.2466, 14.4299



16.0355, 13.2466, 6.0870



8.2753, 13.2466, 14.4167



9.6780, 13.2466, 28.1645

Sweetspot

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



18.1935, 13.2473, 14.4302



45.0438, 43.3172, 48.0526



17.3161, 12.4231, 31.1912



10.0190, 9.5012, 10.5604



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.



18.1935, 13.2473, 14.4302



29.2931, 19.2418, 19.9090



18.1161, 14.7513, 9.2903



6.2884, 6.2545, 6.8986



11.3526, 5.7953, 3.1159



0.1853, 0.0929, 0.1285

Inverse Universe

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



18.1935, 13.2473, 14.4302



29.2931, 19.2418, 19.9090



18.2462, 22.6373, 33.1138



6.2884, 6.2545, 6.8986



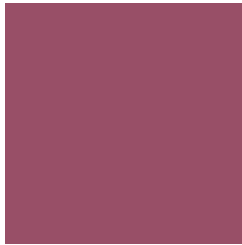
11.3526, 5.7953, 3.1159



0.1853, 0.0929, 0.1285

Previews

White Background



This preview shows how the XYZ color 18.1931, 13.2466, 14.4299 looks on a white background.

Color Contrast Check

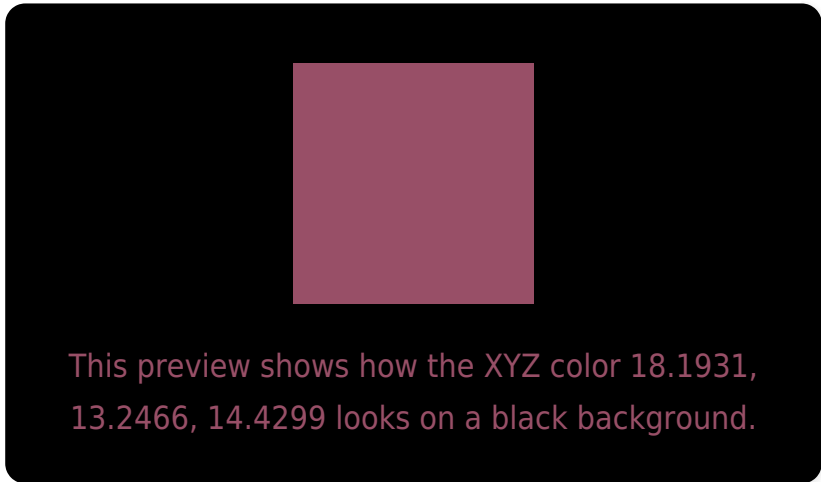
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1931, 13.2466, 14.4299

Background



This preview shows how black text looks on a background with the XYZ color 18.1931, 13.2466, 14.4299.

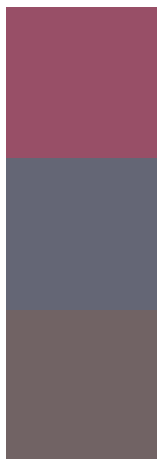


This preview shows how white text looks on a background with the XYZ color 18.1931, 13.2466,

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

18.1931, 13.2466, 14.4299

Protanopia

13.2178, 13.4964, 18.7380

Deuteranopia

13.5721, 13.3545, 13.9189



Tritanopia

17.5412, 13.3185, 10.8787

Trichromacy



Original Color

18.1931, 13.2466, 14.4299

Protanomaly

14.5351, 13.0972, 17.0912

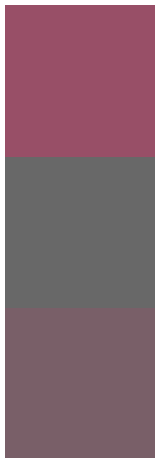
Deuteranomaly

14.9285, 13.1059, 14.0548

Tritanomaly

17.6807, 13.2545, 11.9824

Monochromacy



Original Color

18.1931, 13.2466, 14.4299

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.4761, 13.2488, 14.8910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1931, 13.2466, 14.4299 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, 79, 103)` looks like.

```
.text, #text, p{  
    color:rgb(152, 79, 103)  
}
```

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, 79, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 79, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.1931, 13.2466, 14.4299 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, 79, 103) }
```


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

```
.border{ border-color:rgb(152, 79, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 79, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 79, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 79, 103);  
box-shadow:4px 4px 4px 4px rgb(152, 79,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1931, 13.2466, 14.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 79, 103) }
```

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

```
.background{ background-color: rgb(152, 79,  
103) }
```

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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