

Converting Colors

XYZ(18.1825, 15.4937, 13.3173)

Have a look what the booklet for
XYZ(18.1825, 15.4937, 13.3173)
contains.

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Color

**XYZ(18.1094, 15.4322,
13.3335)**

Conversions

Conversions Part 1

Format	Color
Hex	916161
RGB	145, 97, 97
RGB Percent	57%, 38%, 38%
CMY	0.4314, 0.6196, 0.6196
CMYK	0.00, 0.33, 0.33, 0.43
HSL	0°, 20%, 47%
HSV	0°, 33%, 57%
XYZ	18.1094, 15.4322, 13.3335
YIQ	111.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

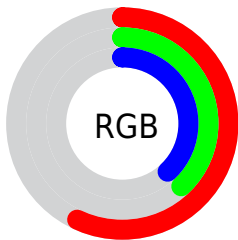
Format	Color
R_{YB}	145, 97, 97
Decimal	9527649
CIE Lab	46.22, 19.52, 7.96
CIE LCh	46, 21.081, 22.184
Yxy	15.4322, 0.3863, 0.3292
Android (android.graphics.Color)	4287717729 (0xFF916161)
YUV	111.3520, -7.0755, 29.5093
Hunter-Lab	39.2838, 13.5397, 7.3748

Details

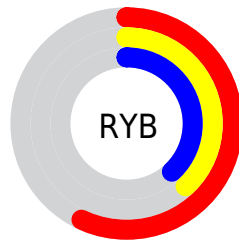
The XYZ color **18.1094, 15.4322, 13.3335** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1656, 24.8356, 30.5190**, and the grayscale version is **15.2262, 16.0192, 17.4449**.

A 20% lighter version of the original color is **39.7546, 35.5973, 32.7926**, and **6.2523, 4.8474, 3.7381** is the 20% darker color. If you saturate the color by 10%, you get **16.2747, 12.7476, 9.6857**, and if you desaturate by 10%, it is **20.3134, 18.6575, 17.7145**.

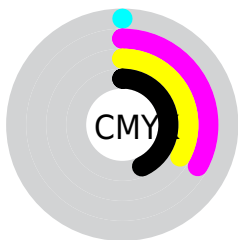
Distribution



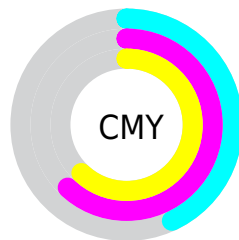
- Red (57%)
- Green (38%)
- Blue (38%)



- Red (57%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (43%)



- Cyan (43%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1094, 15.4322, 13.3335 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 18.1094, 15.4322, 13.3335 by changing the saturation by 10% instead.

■ 18.1094, 15.4322,
13.3335

■ 18.1094, 15.4322,
13.3335

234.5206,
225.9675, 224.3265

■ 11.1287, 9.1233,
7.5252

■ 39.7523, 35.6096,
32.6016

■ 6.2214, 4.8217,
3.7093

■ 55.1452, 50.2469,
46.8984

■ 3.0221, 2.1430,
1.4672

■ 74.0729, 68.4291,
64.8618

■ 1.1655, 0.6887,
0.1933

■ 96.9007, 90.5406,
86.9103

■ 0.0788, 0.0000,
0.0000

123.9941,
116.9658, 113.4625

■ 0.0000, 0.0000,
0.0000

155.7183,

148.0891, 144.9369

192.4387,
184.2949, 181.7521

■ 18.1094, 15.4322,
13.3335

■ 18.1094, 15.4322,
13.3335

■ 16.2747, 12.7476,
9.6857

■ 20.3134, 18.6575,
17.7145

■ 14.7879, 10.5721,
6.7302

■ 22.9041, 22.4483,
22.8647

■ 13.6276, 8.8741,
4.4235

■ 25.8992, 26.8309,
28.8188

■ 12.7690, 7.6178,
2.7169

■ 29.3149, 31.8290,
35.6092

■ 12.1844, 6.7622,
1.5548

■ 33.1666, 37.4652,
43.2665

■ 11.8405, 6.2590,
0.8712

■ 37.4690, 43.7607,
51.8196

■ 11.6772, 6.0199,
0.5465

■ 42.2359, 50.7359,
61.2963

■ 47.4807, 58.4104,
71.7231

■ 53.2161, 66.8029,
83.1254

Harmonies

Analogous

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



18.3683, 15.4322, 18.1865



18.1094, 15.4322, 13.3335



16.8924, 15.4322, 10.1296

Triad

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



18.1094, 15.4322, 13.3335



12.1016, 15.4322, 11.4319



14.2025, 15.4322, 28.6513

Complementary

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



18.1094, 15.4322, 13.3335



20.1656, 24.8356, 30.5190

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.



12.6477, 15.4322, 25.9061



18.1094, 15.4322, 13.3335



11.5011, 15.4322, 15.4916

Square

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



18.1094, 15.4322, 13.3335



13.4003, 15.4322, 9.1983



11.6925, 15.4322, 20.8276



16.0130, 15.4322, 27.7459

Rectangle

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



18.1094, 15.4322, 13.3335



15.7518, 15.4322, 9.0266



11.6925, 15.4322, 20.8276



13.6348, 15.4322, 28.1081

Sweetspot

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



18.1098, 15.4329, 13.3338



42.4947, 42.3626, 43.8830



21.0626, 16.6136, 28.8847



9.3099, 9.2141, 9.4771



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.1098, 15.4329, 13.3338



29.8352, 23.8382, 18.7166



20.6722, 20.5577, 14.1879



5.4089, 5.4241, 5.6513



10.0159, 5.1635, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



20.1656, 24.8356, 30.5190



34.1232, 43.4505, 54.5619



16.8781, 18.2606, 29.4231



5.5602, 6.1163, 6.9163



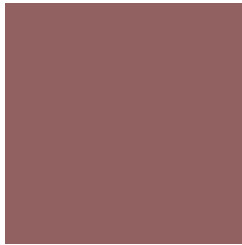
13.0674, 19.1208, 25.9790



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 18.1094, 15.4322, 13.3335 looks on a white background.

Color Contrast Check

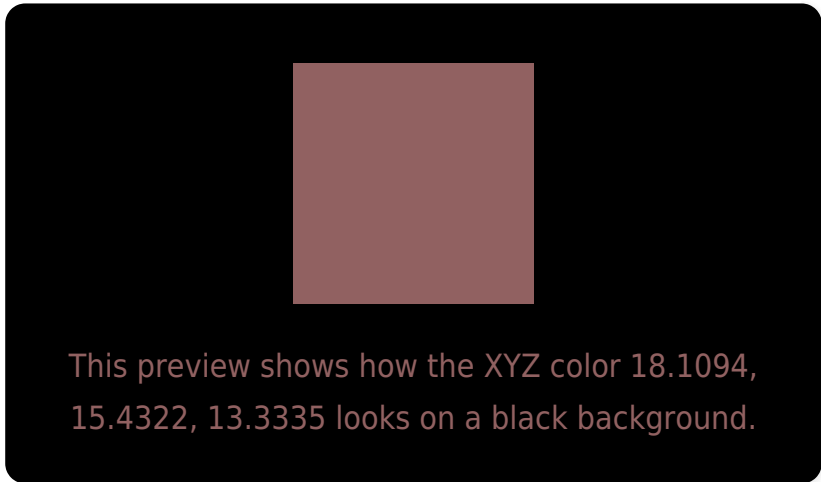
Large Text (above 18pt) WCAG AA ✓ Pass

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

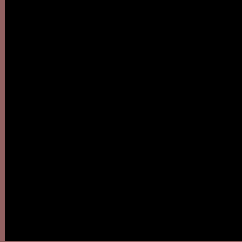
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.1094, 15.4322, 13.3335

Background



This preview shows how black text looks on a background with the XYZ color 18.1094, 15.4322, 13.3335.



This preview shows how white text looks on a background with the XYZ color 18.1094, 15.4322,

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

18.1094, 15.4322, 13.3335

Protanopia

14.7774, 15.4475, 15.2995

Deuteranopia

15.8238, 15.5699, 12.9978



Tritanopia

18.4851, 15.4560, 14.8410

Trichromacy



Original Color

18.1094, 15.4322, 13.3335

Protanomaly

15.8580, 15.4027, 14.4491

Deuteranomaly

16.6344, 15.5316, 13.1875

Tritanomaly

18.3859, 15.4163, 14.3185

Monochromacy



Original Color

18.1094, 15.4322, 13.3335

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9239, 15.5596, 15.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1094, 15.4322, 13.3335 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(145, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(145, 97, 97)  
}
```

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(145, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 97, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.1094, 15.4322, 13.3335 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(145, 97, 97) }
```


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

```
.border{ border-color:rgb(145, 97, 97) }
```

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

Here you see how a box with a 4 pixel rgb(145, 97, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(145, 97,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1094, 15.4322, 13.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 97, 97) }
```

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

```
.background{ background-color: rgb(145, 97,  
97) }
```

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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