

Converting Colors

XYZ(18.3685, 15.1207, 13.5667)

Have a look what the booklet for
XYZ(18.3685, 15.1207, 13.5667)
contains.

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Color

**XYZ(18.4201, 15.1831,
13.5151)**

Conversions

Conversions Part 1

Format	Color
Hex	945E62
RGB	148, 94, 98
RGB Percent	58%, 37%, 38%
CMY	0.4196, 0.6314, 0.6157
CMYK	0.00, 0.36, 0.34, 0.42
HSL	356°, 22%, 47%
HSV	356°, 36%, 58%
XYZ	18.4201, 15.1831, 13.5151
YIQ	110.6020, 30.9000, 12.6920

Conversions

Conversions Part 2

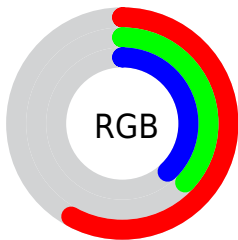
Format	Color
R_{YB}	148, 94, 98
Decimal	9723490
CIE _{Lab}	45.88, 22.61, 6.93
CIE _{LCh}	46, 23.646, 17.043
Yxy	15.1831, 0.3909, 0.3222
Android (android.graphics.Color)	4287913570 (0xFF945E62)
YUV	110.6020, -6.2128, 32.7980
Hunter-Lab	38.9655, 16.1924, 6.7112

Details

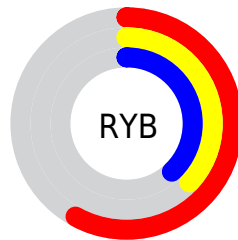
The XYZ color **18.4201, 15.1831, 13.5151** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2407, 25.5736, 30.2562**, and the grayscale version is **15.0057, 15.7872, 17.1922**.

A 20% lighter version of the original color is **40.1788, 35.1172, 33.0944**, and **6.3557, 4.7139, 3.8237** is the 20% darker color. If you saturate the color by 10%, you get **16.6354, 12.5621, 9.9965**, and if you desaturate by 10%, it is **20.5688, 18.3547, 17.7020**.

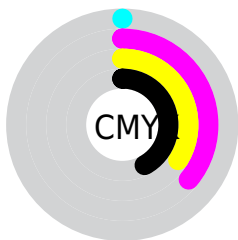
Distribution



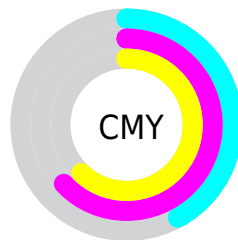
- Red (58%)
- Green (37%)
- Blue (38%)



- Red (58%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (42%)





- Cyan (42%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4201, 15.1831, 13.5151 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 18.4201, 15.1831, 13.5151 by changing the saturation by 10% instead.


 18.4201, 15.1831,
13.5151


 18.4201, 15.1831,
13.5151


236.2285,
224.4718, 225.5156


 11.3535, 8.9480,
7.6493


 40.2764, 35.1741,
32.9308


 6.3742, 4.7073,
3.7868


 55.7968, 49.6987,
47.3178

 3.1167, 2.0766,
1.5092

 74.8658, 67.7553,
65.3822

 1.2158, 0.6514,
0.2247

 97.8489, 89.7283,
87.5427

 0.1188, 0.0000,
0.0000

125.1114,
116.0021, 114.2177

 0.0000, 0.0000,
0.0000

157.0185,

146.9610, 145.8258

193.9358,
182.9894, 182.7856

■ 18.4201, 15.1831,
13.5151

■ 18.4201, 15.1831,
13.5151

■ 16.6354, 12.5621,
9.9965

■ 20.5688, 18.3547,
17.7020

■ 15.1934, 10.4581,
7.1107

■ 23.0988, 22.1033,
22.5885

■ 14.0723, 8.8377,
4.8204

■ 26.0279, 26.4564,
28.2046


■ 13.2475, 7.6622,
3.0839

■ 29.3722, 31.4391,
34.5787


■ 12.6908, 6.8875,
1.8542


■ 33.1472, 37.0750,
41.7375


 12.3612, 6.4456,
1.0740

 37.3673, 43.3866,
49.7065

 12.2730, 6.3200,
0.8883

 42.0464, 50.3952,
58.5099

 47.1979, 58.1213,
68.1710

 52.8343, 66.5844,
78.7121

Harmonies

Analogous

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



18.5036, 15.1831, 19.1207



18.4201, 15.1831, 13.5151



17.2075, 15.1831, 9.7219

Triad

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



18.4201, 15.1831, 13.5151



11.8006, 15.1831, 10.1161



13.5876, 15.1831, 29.7230

Complementary

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



18.4201, 15.1831, 13.5151



20.2407, 25.5736, 30.2562

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.



11.9706, 15.1831, 25.9511



18.4201, 15.1831, 13.5151



11.0048, 15.1831, 14.1879

Square

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



18.4201, 15.1831, 13.5151



13.3352, 15.1831, 8.0927



11.0640, 15.1831, 19.9670



15.5854, 15.1831, 29.4241

Rectangle

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



18.4201, 15.1831, 13.5151



15.9803, 15.1831, 8.3359



11.0640, 15.1831, 19.9670



12.9854, 15.1831, 28.8582

Sweetspot

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



18.4205, 15.1838, 13.5154



43.3877, 42.9077, 44.9092



20.7629, 16.0286, 30.0167



9.7621, 9.5833, 9.9787



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.4205, 15.1838, 13.5154



29.8162, 22.8448, 18.5583



20.5368, 19.7111, 13.3127



5.8172, 5.8219, 6.1435



10.4875, 5.4001, 0.7823



0.1318, 0.0675, 0.0278

Inverse Universe

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



18.4205, 15.1838, 13.5154



29.8162, 22.8448, 18.5583



17.3591, 19.3126, 30.8300



5.8172, 5.8219, 6.1435



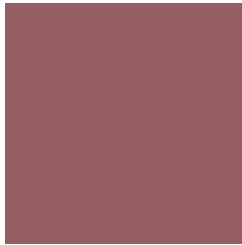
10.4875, 5.4001, 0.7823



0.1318, 0.0675, 0.0278

Previews

White Background



This preview shows how the XYZ color 18.4201, 15.1831, 13.5151 looks on a white background.

Color Contrast Check

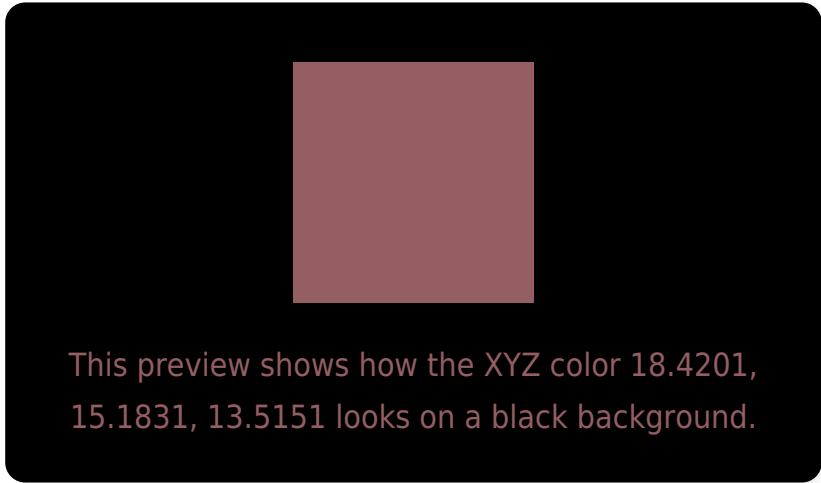
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4201, 15.1831, 13.5151

Background



This preview shows how black text looks on a background with the XYZ color 18.4201, 15.1831, 13.5151.



This preview shows how white text looks on a background with the XYZ color 18.4201, 15.1831,

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

18.4201, 15.1831, 13.5151

Protanopia

14.7522, 15.4226, 15.8350

Deuteranopia

15.4751, 15.2328, 13.1909



Tritanopia

18.5644, 15.2409, 14.2753

Trichromacy



Original Color

18.4201, 15.1831, 13.5151

Protanomaly

15.8559, 15.2399, 14.9379

Deuteranomaly

16.4842, 15.1570, 13.3660

Tritanomaly

18.5157, 15.2214, 14.0187

Monochromacy



Original Color

18.4201, 15.1831, 13.5151

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9653, 15.4288, 15.7723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4201, 15.1831, 13.5151 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(148, 94, 98)` looks like.

```
.text, #text, p{  
    color:rgb(148, 94, 98)  
}
```

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(148, 94, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 94, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.4201, 15.1831, 13.5151 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(148, 94, 98) }
```


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

```
.border{ border-color:rgb(148, 94, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 94, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 94, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 94, 98);  
box-shadow:4px 4px 4px 4px rgb(148, 94,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4201, 15.1831, 13.5151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 94, 98) }
```

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

```
.background{ background-color: rgb(148, 94,  
98) }
```

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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