

Converting Colors

XYZ(18.4306, 15.5544, 12.9891)

Have a look what the booklet for
XYZ(18.4306, 15.5544, 12.9891)
contains.

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Color

**XYZ(18.4186, 15.5970,
13.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	936160
RGB	147, 97, 96
RGB Percent	58%, 38%, 38%
CMY	0.4235, 0.6196, 0.6235
CMYK	0.00, 0.34, 0.35, 0.42
HSL	1°, 21%, 48%
HSV	1°, 35%, 58%
XYZ	18.4186, 15.5970, 13.1061
YIQ	111.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

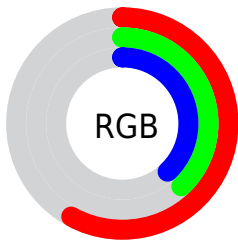
Format	Color
R_{YB}	147, 97, 96
Decimal	9658720
CIE _{Lab}	46.44, 20.20, 8.91
CIE _{LCh}	46, 22.074, 23.800
Yxy	15.5970, 0.3909, 0.3310
Android (android.graphics.Color)	4287848800 (0xFF936160)
YUV	111.8360, -7.8071, 30.8388
Hunter-Lab	39.4930, 14.1353, 7.9692

Details

The XYZ color **18.4186, 15.5970, 13.1061** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3687, 25.1500, 31.3845**, and the grayscale version is **15.3694, 16.1698, 17.6089**.

A 20% lighter version of the original color is **40.1353, 35.8117, 31.9911**, and **6.4356, 4.9444, 3.6328** is the 20% darker color. If you saturate the color by 10%, you get **16.5913, 12.9261, 9.4644**, and if you desaturate by 10%, it is **20.6152, 18.8038, 17.4956**.

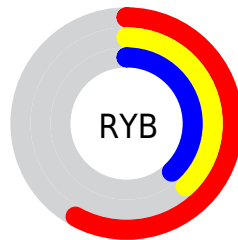
Distribution



Red (58%)

Green (38%)

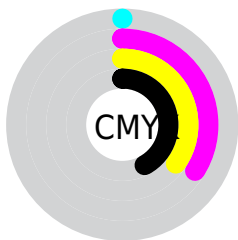
Blue (38%)



Red (58%)

Yellow (38%)

Blue (38%)

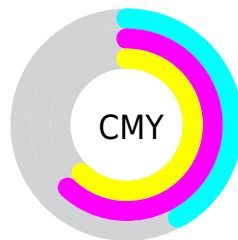


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4186, 15.5970, 13.1061 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 18.4186, 15.5970, 13.1061 by changing the saturation by 10% instead.

■ 18.4186, 15.5970,
13.1061

■ 18.4186, 15.5970,
13.1061

236.2202,
226.9518, 222.8282

■ 11.3524, 9.2394,
7.3701

■ 40.2738, 35.8971,
32.1882

■ 6.3734, 4.8977,
3.6127

■ 55.7936, 50.6085,
46.3714

■ 3.1163, 2.1874,
1.4153

■ 74.8620, 68.8733,
64.2074

■ 1.2155, 0.7131,
0.1536

■ 97.8444, 91.0758,
86.1147

■ 0.1186, 0.0000,
0.0000

125.1060,
117.6006, 112.5119

■ 0.0000, 0.0000,
0.0000

157.0123,

148.8319, 143.8175

193.9286,
185.1542, 180.4501

■ 18.4186, 15.5970,
13.1061

■ 18.4186, 15.5970,
13.1061

■ 16.5913, 12.9261,
9.4644

■ 20.6152, 18.8038,
17.4956

■ 15.1119, 10.7599,
6.5280

■ 23.1985, 22.5711,
22.6705

■ 13.9588, 9.0672,
4.2516


■ 26.1863, 26.9248,
28.6667


■ 13.1071, 7.8127,
2.5840


■ 29.5949, 31.8883,
35.5179


■ 12.5288, 6.9561,
1.4669


■ 33.4398, 37.4839,
43.2557


 12.1898, 6.4490,
0.8263

 37.7356, 43.7327,
51.9101

 12.0640, 6.2658,
0.5736

 42.4963, 50.6549,
61.5099

 47.7352, 58.2697,
72.0824

 53.4652, 66.5957,
83.6540

Harmonies

Analogous

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



18.7545, 15.5970, 18.1359



18.4186, 15.5970, 13.1061



17.0848, 15.5970, 9.8705

Triad

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



18.4186, 15.5970, 13.1061



12.0715, 15.5970, 11.5297



14.4340, 15.5970, 29.6286

Complementary

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



18.4186, 15.5970, 13.1061



20.3687, 25.1500, 31.3845

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.



12.7728, 15.5970, 26.8841



18.4186, 15.5970, 13.1061



11.4859, 15.5970, 15.8790

Square

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



18.4186, 15.5970, 13.1061



13.4007, 15.5970, 9.1054



11.7313, 15.5970, 21.5565



16.3457, 15.5970, 28.4459

Rectangle

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



18.4186, 15.5970, 13.1061



15.8656, 15.5970, 8.7964



11.7313, 15.5970, 21.5565



13.8299, 15.5970, 29.1190

Sweetspot

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



18.4190, 15.5978, 13.1064



43.8553, 43.7884, 45.2333



21.4155, 16.6489, 29.3400



9.8577, 9.7722, 10.0178



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.



18.4190, 15.5978, 13.1064



30.2640, 23.9551, 18.0460



21.1465, 21.0528, 14.0156



5.8094, 5.8326, 6.0601



10.4611, 5.4365, 0.4980



0.1299, 0.0702, 0.0067

Inverse Universe

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



20.3687, 25.1500, 31.3845



34.3195, 43.8311, 56.0860



16.8853, 18.1833, 30.2234



5.9544, 6.5429, 7.4188



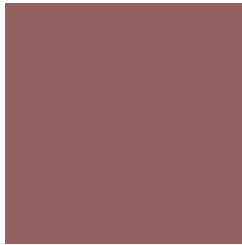
13.2284, 19.1515, 26.9304



0.1644, 0.2394, 0.3305

Previews

White Background



This preview shows how the XYZ color 18.4186, 15.5970, 13.1061 looks on a white background.

Color Contrast Check

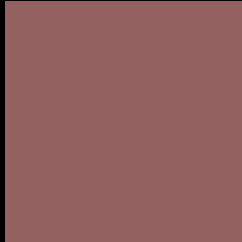
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4186, 15.5970, 13.1061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

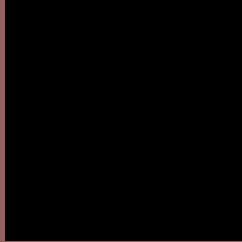
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4186, 15.5970, 13.1061

Background



This preview shows how black text looks on a background with the XYZ color 18.4186, 15.5970, 13.1061.



This preview shows how white text looks on a background with the XYZ color 18.4186, 15.5970,

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

18.4186, 15.5970, 13.1061

Protanopia

14.9635, 15.7085, 15.0754

Deuteranopia

15.9268, 15.6282, 12.7668



Tritanopia

18.8438, 15.6409, 14.8578

Trichromacy



Original Color

18.4186, 15.5970, 13.1061

Protanomaly

15.9560, 15.4589, 14.1995

Deuteranomaly

16.7473, 15.5951, 12.9539

Tritanomaly

18.6959, 15.5817, 14.0788

Monochromacy



Original Color

18.4186, 15.5970, 13.1061

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3167, 15.9160, 15.8478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4186, 15.5970, 13.1061 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(147, 97, 96)` looks like.

```
.text, #text, p{  
    color:rgb(147, 97, 96)  
}
```

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(147, 97, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 97, 96) }
```

Border

The CSS property to change the border of an element to XYZ 18.4186, 15.5970, 13.1061 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(147, 97, 96) }
```


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

```
.border{ border-color:rgb(147, 97, 96) }
```

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

Here you see how a box with a 4 pixel rgb(147, 97, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 97, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 97, 96);  
box-shadow:4px 4px 4px 4px rgb(147, 97,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4186, 15.5970, 13.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 97, 96) }
```

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

```
.background{ background-color: rgb(147, 97,  
96) }
```

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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