

Converting Colors

XYZ(18.7687, 13.8549, 15.8490)

Have a look what the booklet for
XYZ(18.7687, 13.8549, 15.8490)
contains.

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Color

**XYZ(18.6730, 13.7927,
15.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	98526C
RGB	152, 82, 108
RGB Percent	60%, 32%, 42%
CMY	0.4039, 0.6784, 0.5765
CMYK	0.00, 0.46, 0.29, 0.40
HSL	338°, 30%, 46%
HSV	338°, 46%, 60%
XYZ	18.6730, 13.7927, 15.8654
YIQ	105.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

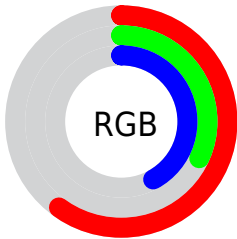
Format	Color
R_{YB}	152, 82, 108
Decimal	9982572
CIE _{Lab}	43.93, 32.33, -1.91
CIE _{LCh}	44, 32.386, 356.622
Yxy	13.7927, 0.3864, 0.2854
Android (android.graphics.Color)	4288172652 (0xFF98526C)
YUV	105.8940, 1.0383, 40.4350
Hunter-Lab	37.1385, 24.7562, 0.6686

Details

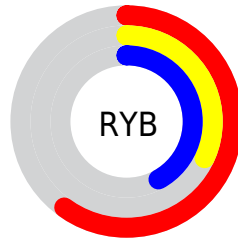
The XYZ color **18.6730, 13.7927, 15.8654** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.4745, 25.7571, 23.7380**, and the grayscale version is **13.6618, 14.3733, 15.6525**.

A 20% lighter version of the original color is **40.6580, 32.6882, 36.9674**, and **6.5318, 4.0773, 4.8576** is the 20% darker color. If you saturate the color by 10%, you get **17.1702, 11.5568, 12.9916**, and if you desaturate by 10%, it is **20.4862, 16.5601, 19.1180**.

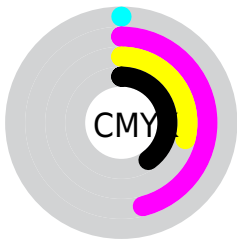
Distribution



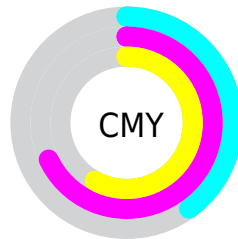
- Red (60%)
- Green (32%)
- Blue (42%)



- Red (60%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (46%)
- Yellow (29%)
- Black (40%)



- Cyan (40%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6730, 13.7927, 15.8654 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 18.6730, 13.7927, 15.8654 by changing the saturation by 10% instead.

■ 18.6730, 13.7927,
15.8654

■ 18.6730, 13.7927,
15.8654

237.6105,
215.9374, 240.3647

■ 11.5368, 7.9766,
9.2756

■ 40.7020, 32.7208,
37.1279

■ 6.4991, 4.0800,
4.8221

■ 56.3255, 46.6015,
52.6377

■ 3.1944, 1.7184,
2.0864

■ 75.5088, 63.9393,
71.9580

■ 1.2574, 0.4355,
0.6076

■ 98.6174, 85.1185,
95.5072

■ 0.1510, 0.0000,
0.0000

■ 126.0164,
110.5235, 123.7040

■ 0.0000, 0.0000,
0.0000

158.0714,

140.5387, 156.9668

195.1476,
175.5486, 195.7142

■ 18.6730, 13.7927,
15.8654

■ 18.6730, 13.7927,
15.8654

■ 17.1702, 11.5568,
12.9916

■ 20.4862, 16.5601,
19.1180

■ 15.9580, 9.8157,
10.4807

■ 22.6258, 19.8884,
22.7626

■ 15.0157, 8.5312,
8.3167

■ 25.1080, 23.8073,
26.8130

■ 14.3195, 7.6587,
6.4818

■ 27.9475, 28.3438,
31.2817

■ 13.8358, 7.1344,
4.9542

■ 31.1583, 33.5233,
36.1809

■ 13.6739, 6.9654,
4.4234

■ 34.7533, 39.3697,
41.5221

■ 38.7452, 45.9055,
47.3164

■ 43.1458, 53.1525,
53.5745

■ 47.9665, 61.1313,
60.3068

Harmonies

Analogous

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



17.6728, 13.7927, 24.2028



18.6730, 13.7927, 15.8654



18.0297, 13.7927, 9.5376

Triad

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



18.6730, 13.7927, 15.8654



11.0220, 13.7927, 5.6011



10.5798, 13.7927, 30.1643

Complementary

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



18.6730, 13.7927, 15.8654



18.4745, 25.7571, 23.7380

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.



9.1774, 13.7927, 22.2754



18.6730, 13.7927, 15.8654



9.4084, 13.7927, 8.5120

Square

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



18.6730, 13.7927, 15.8654



13.4022, 13.7927, 4.8723



8.7780, 13.7927, 14.2011



12.8212, 13.7927, 33.9836

Rectangle

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



18.6730, 13.7927, 15.8654



16.7957, 13.7927, 6.9152



8.7780, 13.7927, 14.2011



10.0065, 13.7927, 27.7965

Sweetspot

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



18.6734, 13.7934, 15.8657



45.1620, 43.3645, 48.6750



17.1672, 12.6749, 31.2477



10.0491, 9.5132, 10.7188



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.



18.6734, 13.7934, 15.8657



30.3022, 20.3918, 22.9220



18.1427, 14.6258, 9.8503



6.2989, 6.2587, 6.9543



11.4792, 5.8459, 3.7826



0.1883, 0.0941, 0.1442

Inverse Universe

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



18.6734, 13.7934, 15.8657



30.3022, 20.3918, 22.9220



19.0957, 23.9574, 33.3238



6.2989, 6.2587, 6.9543



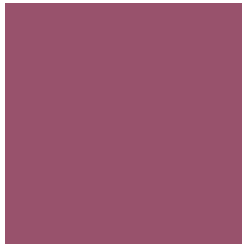
11.4792, 5.8459, 3.7826



0.1883, 0.0941, 0.1442

Previews

White Background



This preview shows how the XYZ color 18.6730, 13.7927, 15.8654 looks on a white background.

Color Contrast Check

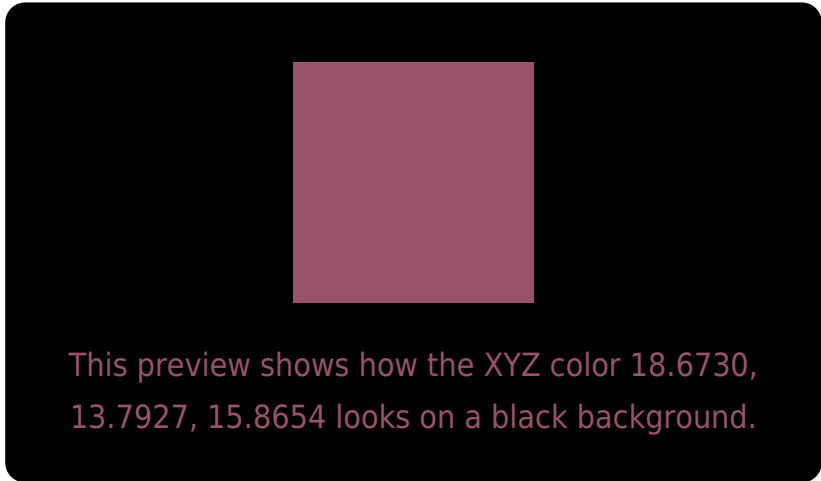
Large Text (above 18pt) WCAG AA ✓ Pass

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

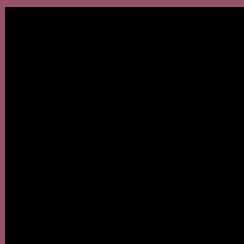
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.6730, 13.7927, 15.8654

Background



This preview shows how black text looks on a background with the XYZ color 18.6730, 13.7927, 15.8654.



This preview shows how white text looks on a background with the XYZ color 18.6730, 13.7927,

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

18.6730, 13.7927, 15.8654

Protanopia

13.7683, 14.0478, 20.0750

Deuteranopia

14.1429, 13.9047, 15.3031



Tritanopia

17.7145, 13.7364, 11.6153

Trichromacy



Original Color

18.6730, 13.7927, 15.8654

Protanomaly

15.0810, 13.6198, 18.3570

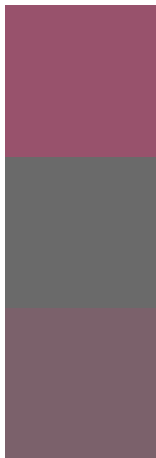
Deuteranomaly

15.5063, 13.6352, 15.4503

Tritanomaly

18.0905, 13.7830, 13.0162

Monochromacy



Original Color

18.6730, 13.7927, 15.8654

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.0969, 13.8219, 15.7821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6730, 13.7927, 15.8654 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, 82, 108)` looks like.

```
.text, #text, p{  
    color:rgb(152, 82, 108)  
}
```

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, 82, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 82, 108) }
```

Border

The CSS property to change the border of an element to XYZ 18.6730, 13.7927, 15.8654 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, 82, 108) }
```


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

```
.border{ border-color:rgb(152, 82, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 82, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 82, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 82, 108);  
box-shadow:4px 4px 4px 4px rgb(152, 82,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6730, 13.7927, 15.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 82, 108) }
```

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

```
.background{ background-color: rgb(152, 82,  
108) }
```

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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