

Converting Colors

XYZ(18.3622, 18.6803, 14.2678)

Have a look what the booklet for
XYZ(18.3622, 18.6803, 14.2678)
contains.

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Color

**XYZ(18.3974, 18.6728,
14.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	867562
RGB	134, 117, 98
RGB Percent	53%, 46%, 38%
CMY	0.4745, 0.5412, 0.6157
CMYK	0.00, 0.13, 0.27, 0.47
HSL	32°, 16%, 45%
HSV	32°, 27%, 53%
XYZ	18.3974, 18.6728, 14.1898
YIQ	119.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

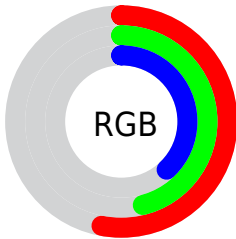
Format	Color
R_{YB}	130, 134, 98
Decimal	8811874
CIE Lab	50.30, 3.44, 12.91
CIE LCh	50, 13.366, 75.067
Yxy	18.6728, 0.3589, 0.3643
Android (android.graphics.Color)	4287001954 (0xFF867562)
YUV	119.9170, -10.8051, 12.3508
Hunter-Lab	43.2120, 0.3748, 10.7790

Details

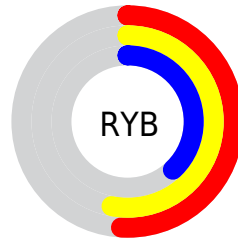
The XYZ color **18.3974, 18.6728, 14.1898** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4706, 16.5787, 24.9389**, and the grayscale version is **17.8563, 18.7862, 20.4582**.

A 20% lighter version of the original color is **40.3518, 41.2372, 34.2666**, and **6.3818, 6.3801, 4.0271** is the 20% darker color. If you saturate the color by 10%, you get **17.1047, 17.0165, 10.8944**, and if you desaturate by 10%, it is **19.8469, 20.4729, 18.0605**.

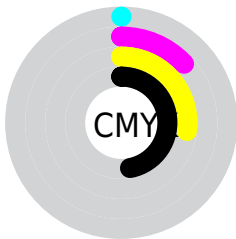
Distribution



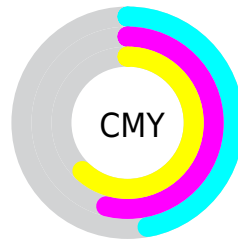
- Red (53%)
- Green (46%)
- Blue (38%)



- Red (51%)
- Yellow (53%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3974, 18.6728, 14.1898 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 18.3974, 18.6728, 14.1898 by changing the saturation by 10% instead.

■ 18.3974, 18.6728,
14.1898

■ 18.3974, 18.6728,
14.1898

236.1041,
244.6364, 229.8777

■ 11.3371, 11.4341,
8.1125

■ 40.2381, 41.1805,
34.1474

■ 6.3630, 6.3596,
4.0782

■ 55.7492, 57.2182,
48.8648

■ 3.1098, 3.0650,
1.6684

■ 74.8080, 76.9578,
67.2993

■ 1.2121, 1.1657,
0.3389

■ 97.7798, 100.7835,
89.8695

■ 0.1159, 0.0335,
0.0000

125.0299,
129.0799, 116.9939

■ 0.0000, 0.0000,
0.0000

156.9238,

162.2312, 149.0910

193.8267,
200.6219, 186.5795

■ 18.3974, 18.6728,
14.1898

■ 18.3974, 18.6728,
14.1898

■ 17.1047, 17.0165,
10.8944

■ 19.8469, 20.4729,
18.0605

■ 15.9610, 15.4972,
8.1451

■ 21.4575, 22.4180,
22.5316

■ 14.9601, 14.1117,
5.9118

■ 23.2353, 24.5128,
27.6279

■ 14.0947, 12.8552,
4.1610

■ 25.1855, 26.7606,
33.3725

■ 13.3566, 11.7229,
2.8552

■ 27.3131, 29.1650,
39.7876

■ 12.7367, 10.7091,
1.9511

■ 29.6229, 31.7292,
46.8939

■ 12.2186, 9.8057,
1.3693

■ 32.1194, 34.4563,
54.7114

■ 12.0679, 9.5411,
1.2056

■ 34.8071, 37.3495,
63.2594

■ 37.6901, 40.4117,
72.5564

Harmonies

Analogous

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



19.5655, 18.6728, 15.6891



18.3974, 18.6728, 14.1898



17.1085, 18.6728, 14.1932

Triad

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



18.3974, 18.6728, 14.1898



15.4503, 18.6728, 22.2423



19.5698, 18.6728, 25.7959

Complementary

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



18.3974, 18.6728, 14.1898



15.4706, 16.5787, 24.9389

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.



18.4032, 18.6728, 28.0249



18.3974, 18.6728, 14.1898



16.0466, 18.6728, 25.8097

Square

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



18.3974, 18.6728, 14.1898



15.4489, 18.6728, 18.5485



17.1139, 18.6728, 28.0302



20.2644, 18.6728, 22.2252

Rectangle

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



18.3974, 18.6728, 14.1898



16.3553, 18.6728, 15.0351



17.1139, 18.6728, 28.0302



19.2174, 18.6728, 26.7451

Sweetspot

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



18.3979, 18.6737, 14.1902



37.4175, 39.0342, 38.6039



17.3169, 15.0509, 18.3331



8.3420, 8.6888, 8.4508



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.3979, 18.6737, 14.1902



31.0522, 31.1663, 21.4912



20.4659, 22.9512, 14.9068



4.8609, 5.0653, 4.9509



11.3202, 8.9631, 1.1334



0.0465, 0.0457, 0.0064

Inverse Universe

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



15.4706, 16.5787, 24.9389



25.0307, 26.8577, 43.6032



13.7729, 13.0870, 24.3544



4.6023, 4.8802, 5.9002



5.7228, 4.9934, 21.7989



0.0270, 0.0317, 0.0779

Previews

White Background



This preview shows how the XYZ color 18.3974, 18.6728, 14.1898 looks on a white background.

Color Contrast Check

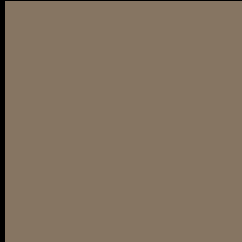
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.3974, 18.6728, 14.1898 looks on a black 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

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

XYZ 18.3974, 18.6728, 14.1898

Background



This preview shows how black text looks on a background with the XYZ color 18.3974, 18.6728, 14.1898.



This preview shows how white text looks on a background with the XYZ color 18.3974, 18.6728,

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

18.3974, 18.6728, 14.1898

Protanopia

17.7210, 18.8458, 14.5080

Deuteranopia

18.9828, 18.6323, 14.1512



Tritanopia

19.8467, 18.7581, 20.9870

Trichromacy



Original Color

18.3974, 18.6728, 14.1898

Protanomaly

18.0549, 18.8403, 14.4893

Deuteranomaly

18.7665, 18.6910, 14.1739

Tritanomaly

19.2647, 18.6880, 18.2146

Monochromacy



Original Color

18.3974, 18.6728, 14.1898

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9789, 18.7235, 17.9956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3974, 18.6728, 14.1898 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(134, 117, 98)` looks like.

```
.text, #text, p{  
    color:rgb(134, 117, 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(134, 117, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 117, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.3974, 18.6728, 14.1898 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(134, 117, 98) }
```


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

```
.border{ border-color:rgb(134, 117, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 117, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 117, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 117, 98);  
box-shadow:4px 4px 4px 4px rgb(134, 117,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3974, 18.6728, 14.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 117, 98) }
```

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

```
.background{ background-color: rgb(134,  
117, 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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