

Converting Colors

XYZ(18.6144, 19.1183, 14.5274)

Have a look what the booklet for
XYZ(18.6144, 19.1183, 14.5274)
contains.

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Color

**XYZ(18.6805, 19.1628,
14.5186)**

Conversions

Conversions Part 1

Format	Color
Hex	867763
RGB	134, 119, 99
RGB Percent	53%, 47%, 39%
CMY	0.4745, 0.5333, 0.6118
CMYK	0.00, 0.11, 0.26, 0.47
HSL	34°, 15%, 46%
HSV	34°, 26%, 53%
XYZ	18.6805, 19.1628, 14.5186
YIQ	121.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

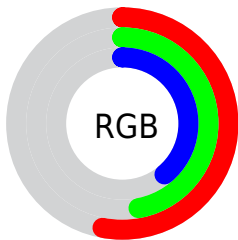
Format	Color
R_{YB}	125, 134, 99
Decimal	8812387
CIE _{Lab}	50.88, 2.44, 13.13
CIE _{LCh}	51, 13.354, 79.463
Yxy	19.1628, 0.3568, 0.3660
Android (android.graphics.Color)	4287002467 (0xFF867763)
YUV	121.2050, -10.9471, 11.2212
Hunter-Lab	43.7753, -0.4345, 10.9785

Details

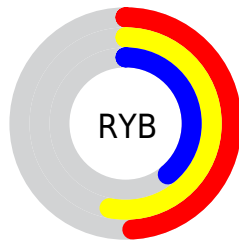
The XYZ color **18.6805, 19.1628, 14.5186** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4660, 16.4082, 24.9064**, and the grayscale version is **18.2715, 19.2230, 20.9339**.

A 20% lighter version of the original color is **40.8070, 42.0192, 34.8139**, and **6.5292, 6.6392, 4.1862** is the 20% darker color. If you saturate the color by 10%, you get **17.4296, 17.6025, 11.1990**, and if you desaturate by 10%, it is **20.0800, 20.8500, 18.4127**.

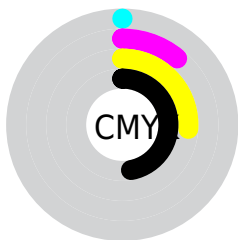
Distribution



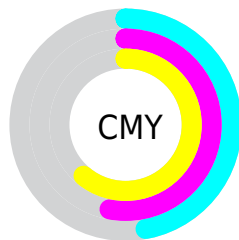
- Red (53%)
- Green (47%)
- Blue (39%)



- Red (49%)
- Yellow (53%)
- Blue (39%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6805, 19.1628, 14.5186 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 18.6805, 19.1628, 14.5186 by changing the saturation by 10% instead.

■ 18.6805, 19.1628,
14.5186

■ 18.6805, 19.1628,
14.5186

237.6513,
247.3460, 231.9732

■ 11.5423, 11.7880,
8.3394

■ 40.7146, 42.0090,
34.7367

■ 6.5028, 6.5995,
4.2220

■ 56.3411, 58.2492,
49.6126

■ 3.1967, 3.2129,
1.7479

■ 75.5279, 78.2133,
68.2246

■ 1.2586, 1.2439,
0.3933

■ 98.6401, 102.2856,
90.9911

■ 0.1519, 0.0971,
0.0000

126.0432,
130.8507, 118.3306

■ 0.0000, 0.0000,
0.0000

158.1026,

164.2929, 150.6618

195.1835,
202.9965, 188.4031

■ 18.6805, 19.1628,
14.5186

■ 18.6805, 19.1628,
14.5186

■ 17.4296, 17.6025,
11.1990

■ 20.0800, 20.8500,
18.4127

■ 16.3199, 16.1629,
8.4249

■ 21.6323, 22.6648,
22.9061

■ 15.3454, 14.8411,
6.1665

■ 23.3430, 24.6113,
28.0234

■ 14.4991, 13.6331,
4.3905

■ 25.2172, 26.6925,
33.7877

■ 13.7733, 12.5346,
3.0600

■ 27.2596, 28.9115,
40.2208

■ 13.1591, 11.5406,
2.1324

■ 29.4748, 31.2710,
47.3434

■ 12.6424, 10.6443,
1.5376

■ 31.8671, 33.7738,
55.1755

■ 12.4563, 10.3177,
1.3350

■ 34.4408, 36.4226,
63.7360

■ 37.1999, 39.2200,
73.0434

Harmonies

Analogous

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



19.9089, 19.1628, 15.8263



18.6805, 19.1628, 14.5186



17.3832, 19.1628, 14.7491

Triad

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



18.6805, 19.1628, 14.5186



15.9298, 19.1628, 23.3749



20.2059, 19.1628, 25.9403

Complementary

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



18.6805, 19.1628, 14.5186



15.4660, 16.4082, 24.9064

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.



19.0702, 19.1628, 28.4737



18.6805, 19.1628, 14.5186



16.6175, 19.1628, 26.8736

Square

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



18.6805, 19.1628, 14.5186



15.8367, 19.1628, 19.5672



17.7547, 19.1628, 28.8345



20.8173, 19.1628, 22.2190

Rectangle

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



18.6805, 19.1628, 14.5186



16.6517, 19.1628, 15.7538



17.7547, 19.1628, 28.8345



19.8703, 19.1628, 26.9772

Sweetspot

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



18.6810, 19.1637, 14.5190



37.5285, 39.2562, 38.6409



17.3404, 15.2110, 17.9917



8.3708, 8.7465, 8.4604



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.



18.6810, 19.1637, 14.5190



31.6558, 32.2072, 22.2050



20.2411, 22.8300, 15.1444



4.8770, 5.0975, 4.9562



11.6840, 9.6906, 1.2547



0.0477, 0.0481, 0.0068

Inverse Universe

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



15.4660, 16.4082, 24.9064



25.0528, 26.5493, 43.5425



14.1694, 13.4312, 24.4001



4.5864, 4.8484, 5.8949



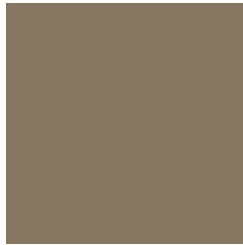
5.4336, 4.4150, 21.7025



0.0258, 0.0293, 0.0775

Previews

White Background



This preview shows how the XYZ color 18.6805, 19.1628, 14.5186 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 18.6805, 19.1628, 14.5186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

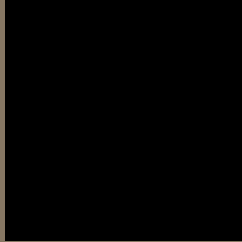
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6805, 19.1628, 14.5186

Background



This preview shows how black text looks on a background with the XYZ color 18.6805, 19.1628, 14.5186.



This preview shows how white text looks on a background with the XYZ color 18.6805, 19.1628,

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

18.6805, 19.1628, 14.5186

Protanopia

18.0397, 19.1840, 14.8087

Deuteranopia

19.4286, 19.1989, 14.4861



Tritanopia

20.0854, 19.0351, 21.6843

Trichromacy



Original Color

18.6805, 19.1628, 14.5186

Protanomaly

18.2226, 19.0989, 14.7826

Deuteranomaly

19.2118, 19.2610, 14.5096

Tritanomaly

19.4932, 18.9628, 18.8524

Monochromacy



Original Color

18.6805, 19.1628, 14.5186

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.3013, 19.0608, 18.3373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6805, 19.1628, 14.5186 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, 119, 99)` looks like.

```
.text, #text, p{  
    color:rgb(134, 119, 99)  
}
```

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, 119, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 119, 99) }
```

Border

The CSS property to change the border of an element to XYZ 18.6805, 19.1628, 14.5186 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, 119, 99) }
```


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

```
.border{ border-color:rgb(134, 119, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 119, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 119, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 119, 99);  
box-shadow:4px 4px 4px 4px rgb(134, 119,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6805, 19.1628, 14.5186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 119, 99) }
```

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

```
.background{ background-color: rgb(134,  
119, 99) }
```

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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