

Converting Colors

XYZ(18.4199, 16.4242, 21.2681)

Have a look what the booklet for
XYZ(18.4199, 16.4242, 21.2681)
contains.

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Color

**XYZ(18.4199, 16.4242,
21.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	86687C
RGB	134, 104, 124
RGB Percent	53%, 41%, 49%
CMY	0.4745, 0.5921, 0.5137
CMYK	0.00, 0.22, 0.07, 0.47
HSL	320°, 13%, 47%
HSV	320°, 22%, 53%
XYZ	18.4199, 16.4242, 21.2681
YIQ	115.2500, 11.4600, 12.5800

Conversions

Conversions Part 2

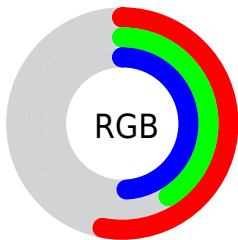
Format	Color
R_{YB}	134, 104, 124
Decimal	8808572
CIE Lab	47.53, 15.53, -6.52
CIE LCh	48, 16.839, 337.238
Yxy	16.4242, 0.3283, 0.2927
Android (android.graphics.Color)	4286998652 (0xFF86687C)
YUV	115.2500, 4.3138, 16.4438
Hunter-Lab	40.5268, 10.2085, -2.7461

Details

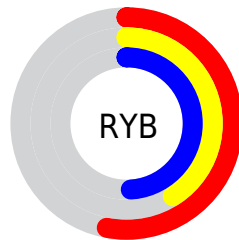
The XYZ color **18.4199, 16.4242, 21.2681** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2719, 21.2086, 19.1039**, and the grayscale version is **16.3568, 17.2087, 18.7402**.

A 20% lighter version of the original color is **40.1507, 37.1818, 46.6556**, and **6.3893, 5.3191, 7.3465** is the 20% darker color. If you saturate the color by 10%, you get **16.9008, 13.8277, 19.3995**, and if you desaturate by 10%, it is **20.1671, 19.4560, 23.2763**.

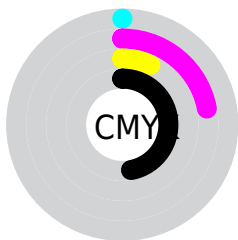
Distribution



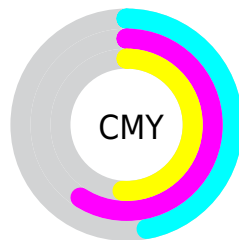
- Red (53%)
- Green (41%)
- Blue (49%)



- Red (53%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4199, 16.4242, 21.2681 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 18.4199, 16.4242, 21.2681 by changing the saturation by 10% instead.

■ 18.4199, 16.4242,
21.2681

■ 18.4199, 16.4242,
21.2681

236.2274,
231.8320, 271.5276

■ 11.3534, 9.8248,
13.1270

■ 40.2760, 37.3331,
46.4199

■ 6.3741, 5.2830,
7.3843

■ 55.7964, 52.4114,
64.2676

■ 3.1167, 2.4142,
3.6215

■ 74.8653, 71.0848,
86.1879

■ 1.2158, 0.8332,
1.4201

■ 97.8483, 93.7377,
112.5994

■ 0.1188, 0.0000,
0.1573

125.1106,
120.7544, 143.9206

■ 0.0000, 0.0000,
0.0000

157.0177,

152.5195, 180.5699

193.9348,
189.4172, 222.9661

■ 18.4199, 16.4242,
21.2681

■ 18.4199, 16.4242,
21.2681

■ 16.9008, 13.8277,
19.3995

■ 20.1671, 19.4560,
23.2763

■ 15.5981, 11.6440,
17.6651

■ 22.1507, 22.9399,
25.4271

■ 14.5011, 9.8519,
16.0608

■ 24.3800, 26.8943,
27.7245

■ 13.5979, 8.4276,
14.5818

■ 26.8636, 31.3361,
30.1722

■ 12.8750, 7.3444,
13.2225

■ 29.6097, 36.2814,
32.7738

■ 12.3170, 6.5722,
11.9771

■ 32.6260, 41.7453,
35.5325

■ 11.9062, 6.0754,
10.8387

■ 35.9200, 47.7425,
38.4515

■ 11.6487, 5.7952,
10.0286

■ 39.4987, 54.2871,
41.5340

■ 43.3692, 61.3926,
44.7829

Harmonies

Analogous

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



17.4191, 16.4242, 25.2864



18.4199, 16.4242, 21.2681



18.6457, 16.4242, 16.8640

Triad

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



18.4199, 16.4242, 21.2681



15.2507, 16.4242, 10.8852



13.4282, 16.4242, 23.3531

Complementary

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



18.4199, 16.4242, 21.2681



17.2719, 21.2086, 19.1039

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.



12.9244, 16.4242, 18.9426



18.4199, 16.4242, 21.2681



13.9320, 16.4242, 12.0874

Square

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



18.4199, 16.4242, 21.2681



16.7518, 16.4242, 11.3046



13.1027, 16.4242, 14.8779



14.5227, 16.4242, 26.6182

Rectangle

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



18.4199, 16.4242, 21.2681



18.3140, 16.4242, 14.3675



13.1027, 16.4242, 14.8779



13.1875, 16.4242, 21.9301

Sweetspot

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



18.4204, 16.4249, 21.2684



37.3076, 37.3892, 42.9609



16.1935, 15.2001, 24.6349



8.3694, 8.3608, 9.6400



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.



18.4204, 16.4249, 21.2684



31.0114, 26.4624, 35.7275



17.5427, 16.0739, 16.6468



4.7936, 4.7371, 5.5256



10.9215, 5.4329, 9.4249



0.0412, 0.0202, 0.0505

Inverse Universe

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



18.4204, 16.4249, 21.2684



31.0114, 26.4624, 35.7275



18.1970, 21.5786, 23.9752



4.7936, 4.7371, 5.5256



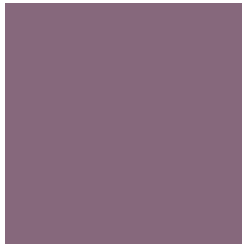
10.9215, 5.4329, 9.4249



0.0412, 0.0202, 0.0505

Previews

White Background



This preview shows how the XYZ color 18.4199, 16.4242, 21.2681 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 18.4199, 16.4242, 21.2681 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 18.4199, 16.4242, 21.2681

Background



This preview shows how black text looks on a background with the XYZ color 18.4199, 16.4242, 21.2681.



This preview shows how white text looks on a background with the XYZ color 18.4199, 16.4242,

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

18.4199, 16.4242, 21.2681

Protanopia

16.1870, 16.4883, 23.0983

Deuteranopia

16.7588, 16.5039, 21.0412



Tritanopia

17.8642, 16.5095, 18.1647

Trichromacy



Original Color

18.4199, 16.4242, 21.2681

Protanomaly

16.9072, 16.3915, 22.3514

Deuteranomaly

17.2499, 16.4403, 21.0030

Tritanomaly

17.9945, 16.3977, 19.3562

Monochromacy



Original Color

18.4199, 16.4242, 21.2681

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9805, 16.8145, 19.4901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4199, 16.4242, 21.2681 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, 104, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 104, 124)  
}
```

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, 104, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 104, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.4199, 16.4242, 21.2681 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, 104, 124) }
```


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

```
.border{ border-color:rgb(134, 104, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 104, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 104, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 104, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 104,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4199, 16.4242, 21.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 104, 124) }
```

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

```
.background{ background-color: rgb(134,  
104, 124) }
```

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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