

Converting Colors

XYZ(19.2762, 17.0181, 24.1058)

Have a look what the booklet for
XYZ(19.2762, 17.0181, 24.1058)
contains.

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Color

**XYZ(19.2081, 16.9200,
24.0833)**

Conversions

Conversions Part 1

Format	Color
Hex	876984
RGB	135, 105, 132
RGB Percent	53%, 41%, 52%
CMY	0.4706, 0.5882, 0.4824
CMYK	0.00, 0.22, 0.02, 0.47
HSL	306°, 12%, 47%
HSV	306°, 22%, 53%
XYZ	19.2081, 16.9200, 24.0833
YIQ	117.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

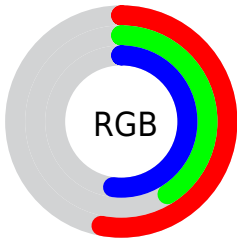
Format	Color
R_{YB}	135, 105, 132
Decimal	8874372
CIE _{Lab}	48.16, 16.87, -10.33
CIE _{LCh}	48, 19.783, 328.510
Yxy	16.9200, 0.3190, 0.2810
Android (android.graphics.Color)	4287064452 (0xFF876984)
YUV	117.0480, 7.3713, 15.7439
Hunter-Lab	41.1339, 11.3689, -5.9197

Details

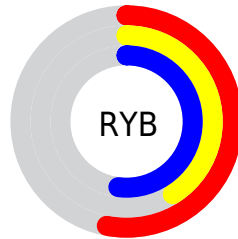
The XYZ color **19.2081, 16.9200, 24.0833** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.1971, 21.4144, 17.4153**, and the grayscale version is **16.8997, 17.7798, 19.3622**.

A 20% lighter version of the original color is **41.6317, 38.0985, 51.0585**, and **6.7708, 5.4821, 8.8849** is the 20% darker color. If you saturate the color by 10%, you get **17.8491, 14.3487, 23.1776**, and if you desaturate by 10%, it is **20.7876, 19.9299, 25.0688**.

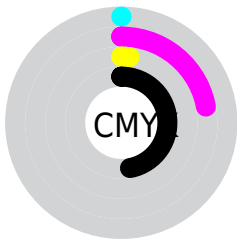
Distribution



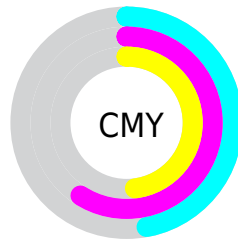
- Red (53%)
- Green (41%)
- Blue (52%)



- Red (53%)
- Yellow (41%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (2%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2081, 16.9200, 24.0833 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 19.2081, 16.9200, 24.0833 by changing the saturation by 10% instead.

■ 19.2081, 16.9200,
24.0833

■ 19.2081, 16.9200,
24.0833

240.5113,
234.7109, 286.5415

■ 11.9256, 10.1775,
15.1827

■ 41.5996, 38.1882,
51.1116

■ 6.7649, 5.5168,
8.7996

■ 57.4394, 53.4826,
70.0764

■ 3.3605, 2.5536,
4.5157

■ 76.8623, 72.3965,
93.2330

■ 1.3472, 0.9034,
1.9123

■ 100.2336, 95.3142,
120.9998

■ 0.2181, 0.0000,
0.5005

127.9189,
122.6200, 153.7956

■ 0.0000, 0.0000,
0.0000

160.2833,

154.6985, 192.0388

197.6924,
191.9340, 236.1479

■ 19.2081, 16.9200,
24.0833

■ 19.2081, 16.9200,
24.0833

■ 17.8491, 14.3487,
23.1776

■ 20.7876, 19.9299,
25.0688

■ 16.6989, 12.1932,
22.3471

■ 22.5957, 23.3953,
26.1363

■ 15.7467, 10.4319,
21.5885

■ 24.6419, 27.3350,
27.2890

■ 14.9805, 9.0408,
20.8978

■ 26.9348, 31.7662,
28.5300

■ 14.3868, 7.9927,
20.2703

■ 29.4824, 36.7049,
29.8619

■ 13.9502, 7.2570,
19.7010

■ 32.2926, 42.1668,
31.2873

■ 13.6528, 6.7979,
19.1839

■ 35.3728, 48.1666,
32.8087

■ 13.4737, 6.5437,
18.8030

■ 38.7300, 54.7186,
34.4285

■ 42.3711, 61.8364,
36.1490

Harmonies

Analogous

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



17.7862, 16.9200, 28.5449



19.2081, 16.9200, 24.0833



19.7846, 16.9200, 18.6812

Triad

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



19.2081, 16.9200, 24.0833



16.1719, 16.9200, 10.2034



13.2359, 16.9200, 23.5550

Complementary

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



19.2081, 16.9200, 24.0833



17.1971, 21.4144, 17.4153

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.



12.8727, 16.9200, 18.1672



19.2081, 16.9200, 24.0833



14.4902, 16.9200, 11.0309

Square

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



19.2081, 16.9200, 24.0833



17.9529, 16.9200, 11.2145



13.3148, 16.9200, 13.7273



14.3457, 16.9200, 28.2021

Rectangle

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



19.2081, 16.9200, 24.0833



19.5817, 16.9200, 15.4599



13.3148, 16.9200, 13.7273



13.0262, 16.9200, 21.7424

Sweetspot

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



19.2086, 16.9207, 24.0837



38.8134, 38.7283, 45.8421



15.6098, 15.0414, 25.0025



8.9532, 8.9009, 10.5955



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.2086, 16.9207, 24.0837



33.0400, 27.7264, 42.2378



18.2547, 16.5392, 19.0606



4.8384, 4.7550, 5.7611



12.4270, 6.0352, 17.3530



0.0445, 0.0215, 0.0677

Inverse Universe

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



19.2086, 16.9207, 24.0837



33.0400, 27.7264, 42.2378



18.0654, 21.7617, 21.9878



4.8384, 4.7550, 5.7611



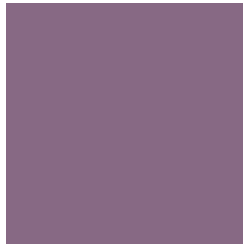
12.4270, 6.0352, 17.3530



0.0445, 0.0215, 0.0677

Previews

White Background



This preview shows how the XYZ color 19.2081, 16.9200, 24.0833 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 19.2081, 16.9200, 24.0833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

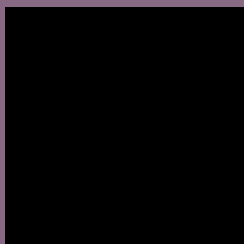
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2081, 16.9200, 24.0833

Background



This preview shows how black text looks on a background with the XYZ color 19.2081, 16.9200, 24.0833.



This preview shows how white text looks on a background with the XYZ color 19.2081, 16.9200,

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

19.2081, 16.9200, 24.0833

Protanopia

16.7992, 16.8964, 26.4207

Deuteranopia

17.3621, 17.0786, 23.8541



Tritanopia

18.1878, 16.9726, 18.8404

Trichromacy



Original Color

19.2081, 16.9200, 24.0833

Protanomaly

17.4911, 16.7810, 25.6097

Deuteranomaly

17.8776, 16.8611, 23.7850

Tritanomaly

18.6021, 16.9889, 20.7111

Monochromacy



Original Color

19.2081, 16.9200, 24.0833

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.7302, 17.5005, 20.8558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2081, 16.9200, 24.0833 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(135, 105, 132)` looks like.

```
.text, #text, p{  
    color:rgb(135, 105, 132)  
}
```

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(135, 105, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 105, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.2081, 16.9200, 24.0833 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(135, 105, 132) }
```


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

```
.border{ border-color:rgb(135, 105, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 105, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 105, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 105, 132);  
box-shadow:4px 4px 4px 4px rgb(135, 105,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2081, 16.9200, 24.0833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 105, 132) }
```

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

```
.background{ background-color: rgb(135,  
105, 132) }
```

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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