

Converting Colors

XYZ(19.8966, 16.5825, 23.1002)

Have a look what the booklet for
XYZ(19.8966, 16.5825, 23.1002)
contains.

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Color

**XYZ(19.9141, 16.5657,
23.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6482
RGB	143, 100, 130
RGB Percent	56%, 39%, 51%
CMY	0.4392, 0.6078, 0.4902
CMYK	0.00, 0.30, 0.09, 0.44
HSL	318°, 18%, 48%
HSV	318°, 30%, 56%
XYZ	19.9141, 16.5657, 23.2670
YIQ	116.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

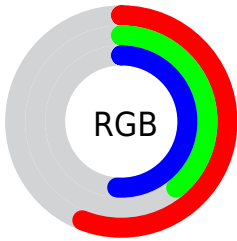
Format	Color
R_{YB}	143, 100, 130
Decimal	9397378
CIE _{Lab}	47.71, 22.36, -9.73
CIE _{LCh}	48, 24.389, 336.491
Yxy	16.5657, 0.3333, 0.2773
Android (android.graphics.Color)	4287587458 (0xFF8F6482)
YUV	116.2770, 6.7654, 23.4361
Hunter-Lab	40.7010, 16.1094, -5.4029

Details

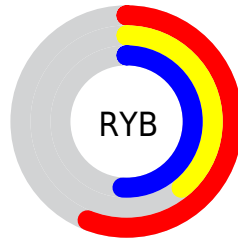
The XYZ color **19.9141, 16.5657, 23.2670** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.0593, 23.5469, 19.2170**, and the grayscale version is **16.6623, 17.5300, 19.0902**.

A 20% lighter version of the original color is **42.6398, 37.4224, 49.7756**, and **7.1268, 5.3254, 8.4369** is the 20% darker color. If you saturate the color by 10%, you get **18.3770, 13.9461, 21.3529**, and if you desaturate by 10%, it is **21.7051, 19.6732, 25.3263**.

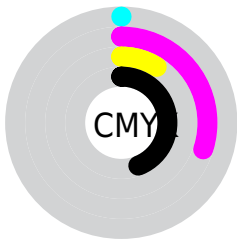
Distribution



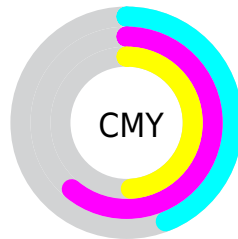
- Red (56%)
- Green (39%)
- Blue (51%)



- Red (56%)
- Yellow (39%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9141, 16.5657, 23.2670 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 19.9141, 16.5657, 23.2670 by changing the saturation by 10% instead.

■ 19.9141, 16.5657,
23.2670

■ 19.9141, 16.5657,
23.2670

244.2921,
232.6570, 282.2596

■ 12.4405, 9.9253,
14.5836

■ 42.7782, 37.5775,
49.7601

■ 7.1188, 5.3495,
8.3843

■ 58.8994, 52.7178,
68.4069

■ 3.5835, 2.4537,
4.2506

■ 78.6338, 71.4602,
91.2120

■ 1.4693, 0.8533,
1.7638

■ 102.3468, 94.1890,
118.5938

■ 0.3048, 0.0000,
0.4039

130.4038,
121.2887, 150.9710

■ 0.0000, 0.0000,
0.0000

163.1701,

153.1437, 188.7619

201.0111,
190.1383, 232.3853

■ 19.9141, 16.5657,
23.2670

■ 19.9141, 16.5657,
23.2670

■ 18.3770, 13.9461,
21.3529

■ 21.7051, 19.6732,
25.3263

■ 17.0797, 11.7868,
19.5779

■ 23.7604, 23.2898,
27.5344

■ 16.0087, 10.0612,
17.9372

■ 26.0915, 27.4380,
29.8961

■ 15.1487, 8.7388,
16.4246

■ 28.7089, 32.1385,
32.4154

■ 14.4823, 7.7851,
15.0338

■ 31.6223, 37.4107,
35.0964

■ 13.9893, 7.1599,
13.7572

■ 34.8412, 43.2733,
37.9429

■ 13.6167, 6.7552,
12.5833

■ 38.3745, 49.7438,
40.9585

■ 42.2309, 56.8392,
44.1467

■ 46.4185, 64.5759,
47.5109

Harmonies

Analogous

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



18.3742, 16.5657, 29.5236



19.9141, 16.5657, 23.2670



20.2923, 16.5657, 16.7128

Triad

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



19.9141, 16.5657, 23.2670



15.2757, 16.5657, 8.5393



12.6075, 16.5657, 26.1675

Complementary

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



19.9141, 16.5657, 23.2670



18.0593, 23.5469, 19.2170

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.



11.9338, 16.5657, 19.4298



19.9141, 16.5657, 23.2670



13.3797, 16.5657, 9.9995

Square

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



19.9141, 16.5657, 23.2670



17.4787, 16.5657, 9.1106



12.2029, 16.5657, 13.6565



14.1303, 16.5657, 31.4505

Rectangle

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



19.9141, 16.5657, 23.2670



19.8064, 16.5657, 13.1912



12.2029, 16.5657, 13.6565



12.2810, 16.5657, 23.9449

Sweetspot

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



19.9146, 16.5664, 23.2673



42.8972, 42.3213, 49.6695



16.3130, 14.6025, 27.9455



9.7177, 9.4935, 11.2658



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.9146, 16.5664, 23.2673



33.7719, 26.4330, 39.3450



18.6243, 16.0503, 16.4726



5.5577, 5.4836, 6.4351



12.0492, 5.9767, 11.1762



0.1250, 0.0611, 0.1585

Inverse Universe

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



19.9146, 16.5664, 23.2673



33.7719, 26.4330, 39.3450



19.4096, 24.0870, 26.3275



5.5577, 5.4836, 6.4351



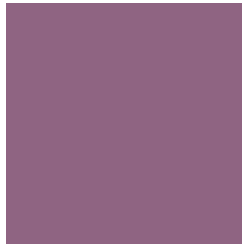
12.0492, 5.9767, 11.1762



0.1250, 0.0611, 0.1585

Previews

White Background



This preview shows how the XYZ color 19.9141, 16.5657, 23.2670 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 19.9141, 16.5657, 23.2670 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 19.9141, 16.5657, 23.2670

Background



This preview shows how black text looks on a background with the XYZ color 19.9141, 16.5657, 23.2670.



This preview shows how white text looks on a background with the XYZ color 19.9141, 16.5657,

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

19.9141, 16.5657, 23.2670

Protanopia

16.5660, 16.6115, 26.3780

Deuteranopia

17.0519, 16.7789, 22.7620



Tritanopia

18.7040, 16.5109, 17.2400

Trichromacy



Original Color

19.9141, 16.5657, 23.2670

Protanomaly

17.6209, 16.5393, 25.1854

Deuteranomaly

17.9725, 16.6124, 23.0281

Tritanomaly

19.1767, 16.5615, 19.3255

Monochromacy



Original Color

19.9141, 16.5657, 23.2670

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.6313, 16.9680, 20.4350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9141, 16.5657, 23.2670 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(143, 100, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 100, 130)  
}
```

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(143, 100, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 100, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.9141, 16.5657, 23.2670 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(143, 100, 130) }
```


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

```
.border{ border-color:rgb(143, 100, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 100, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 100, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 100, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 100,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9141, 16.5657, 23.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 100, 130) }
```

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

```
.background{ background-color: rgb(143,  
100, 130) }
```

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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