

Converting Colors

XYZ(19.3824, 16.1958, 24.0912)

Have a look what the booklet for
XYZ(19.3824, 16.1958, 24.0912)
contains.

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Color

**XYZ(19.2742, 16.0786,
23.9174)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6384
RGB	139, 99, 132
RGB Percent	55%, 39%, 52%
CMY	0.4549, 0.6118, 0.4824
CMYK	0.00, 0.29, 0.05, 0.45
HSL	311°, 17%, 47%
HSV	311°, 29%, 55%
XYZ	19.2742, 16.0786, 23.9174
YIQ	114.7220, 13.2470, 18.7430

Conversions

Conversions Part 2

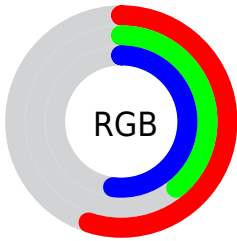
Format	Color
R_{YB}	139, 99, 132
Decimal	9134980
CIE Lab	47.08, 21.87, -11.92
CIE LCh	47, 24.906, 331.405
Yxy	16.0786, 0.3252, 0.2713
Android (android.graphics.Color)	4287325060 (0xFF8B6384)
YUV	114.7220, 8.5181, 21.2918
Hunter-Lab	40.0981, 15.6289, -7.2961

Details

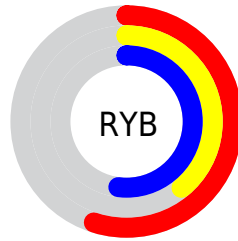
The XYZ color **19.2742, 16.0786, 23.9174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.9804, 22.1591, 17.0189**, and the grayscale version is **16.1842, 17.0271, 18.5425**.

A 20% lighter version of the original color is **41.6556, 36.6529, 50.7782**, and **6.8138, 5.1552, 8.8195** is the 20% darker color. If you saturate the color by 10%, you get **17.9046, 13.6024, 22.6492**, and if you desaturate by 10%, it is **20.8754, 19.0111, 25.2823**.

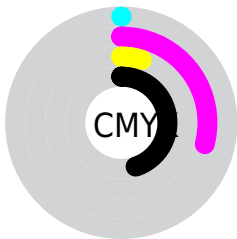
Distribution



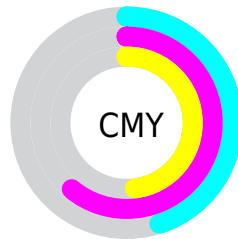
- Red (55%)
- Green (39%)
- Blue (52%)



- Red (55%)
- Yellow (39%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2742, 16.0786, 23.9174 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 19.2742, 16.0786, 23.9174 by changing the saturation by 10% instead.

■ 19.2742, 16.0786,
23.9174

■ 19.2742, 16.0786,
23.9174

240.8675,
229.8051, 285.6757

■ 11.9738, 9.5798,
15.0607

■ 41.7102, 36.7346,
50.8375

■ 6.7979, 5.1212,
8.7149

■ 57.5765, 51.6606,
69.7380

■ 3.3812, 2.3186,
4.4614

■ 77.0288, 70.1644,
92.8236

■ 1.3584, 0.7835,
1.8817

■ 100.4324, 92.6305,
120.5127

■ 0.2263, 0.0000,
0.4811

128.1527,
119.4432, 153.2239

■ 0.0000, 0.0000,
0.0000

160.5551,

150.9869, 191.3758

198.0049,
187.6461, 235.3869

■ 19.2742, 16.0786,
23.9174

■ 19.2742, 16.0786,
23.9174

■ 17.9046, 13.6024,
22.6492

■ 20.8754, 19.0111,
25.2823

■ 16.7534, 11.5572,
21.4726

■ 22.7174, 22.4194,
26.7467

■ 15.8085, 9.9184,
20.3837

■ 24.8110, 26.3243,
28.3143

■ 15.0558, 8.6581,
19.3776

■ 27.1655, 30.7450,
29.9884

■ 14.4797, 7.7447,
18.4490

■ 29.7901, 35.6994,
31.7722

■ 14.0618, 7.1419,
17.5917

■ 32.6934, 41.2046,
33.6686

■ 13.7590, 6.7632,
16.7911

■ 35.8835, 47.2771,
35.6806

■ 13.7234, 6.7193,
16.6948

■ 39.3683, 53.9326,
37.8109

■ 43.1554, 61.1860,
40.0620

Harmonies

Analogous

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



17.5768, 16.0786, 29.9097



19.2742, 16.0786, 23.9174



19.8769, 16.0786, 17.2135

Triad

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



19.2742, 16.0786, 23.9174



15.1795, 16.0786, 8.0256



11.9707, 16.0786, 24.5520

Complementary

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



19.2742, 16.0786, 23.9174



16.9804, 22.1591, 17.0189

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.



11.4565, 16.0786, 17.8035



19.2742, 16.0786, 23.9174



13.1966, 16.0786, 9.1170

Square

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



19.2742, 16.0786, 23.9174



17.3817, 16.0786, 8.9274



11.8834, 16.0786, 12.3582



13.3590, 16.0786, 30.3332

Rectangle

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



19.2742, 16.0786, 23.9174



19.5352, 16.0786, 13.4739



11.8834, 16.0786, 12.3582



11.6962, 16.0786, 22.2736

Sweetspot

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



19.2747, 16.0793, 23.9177



40.5346, 39.8743, 47.7839



15.0271, 13.8324, 26.3044



9.2354, 8.9935, 10.9293



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.2747, 16.0793, 23.9177



32.7607, 25.6128, 41.2271



18.0532, 15.5907, 17.4853



5.1969, 5.1142, 6.1254



12.3913, 6.0666, 15.0968



0.0869, 0.0421, 0.1244

Inverse Universe

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



19.2747, 16.0793, 23.9177



32.7607, 25.6128, 41.2271



18.1233, 22.6162, 23.0369



5.1969, 5.1142, 6.1254



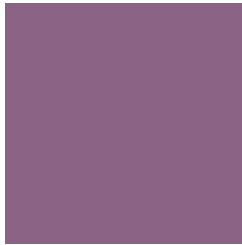
12.3913, 6.0666, 15.0968



0.0869, 0.0421, 0.1244

Previews

White Background



This preview shows how the XYZ color 19.2742, 16.0786, 23.9174 looks on a white background.

Color Contrast Check

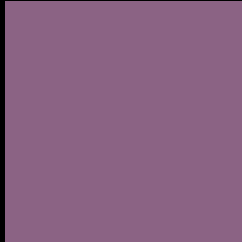
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2742, 16.0786, 23.9174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

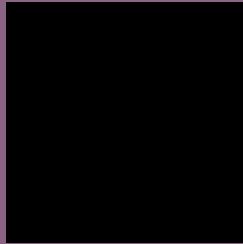
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2742, 16.0786, 23.9174

Background



This preview shows how black text looks on a background with the XYZ color 19.2742, 16.0786, 23.9174.



This preview shows how white text looks on a background with the XYZ color 19.2742, 16.0786,

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

19.2742, 16.0786, 23.9174

Protanopia

16.2438, 16.2656, 27.0944

Deuteranopia

16.4373, 16.1264, 23.3655



Tritanopia

17.8728, 16.0824, 17.2011

Trichromacy



Original Color

19.2742, 16.0786, 23.9174

Protanomaly

17.1092, 16.1034, 25.8734

Deuteranomaly

17.3167, 15.9528, 23.6392

Tritanomaly

18.3977, 16.1530, 19.6009

Monochromacy



Original Color

19.2742, 16.0786, 23.9174

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.2320, 16.6028, 20.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2742, 16.0786, 23.9174 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(139, 99, 132)` looks like.

```
.text, #text, p{  
    color:rgb(139, 99, 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(139, 99, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 99, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.2742, 16.0786, 23.9174 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(139, 99, 132) }
```


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

```
.border{ border-color:rgb(139, 99, 132) }
```

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

Here you see how a box with a 4 pixel rgb(139, 99, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 99, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 99, 132);  
box-shadow:4px 4px 4px 4px rgb(139, 99,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2742, 16.0786, 23.9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 99, 132) }
```

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

```
.background{ background-color: rgb(139, 99,  
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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