

Converting Colors

XYZ(19.2227, 16.9130, 28.7642)

Have a look what the booklet for
XYZ(19.2227, 16.9130, 28.7642)
contains.

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Color

**XYZ(19.2413, 16.9888,
28.6506)**

Conversions

Conversions Part 1

Format	Color
Hex	816A90
RGB	129, 106, 144
RGB Percent	51%, 42%, 56%
CMY	0.4941, 0.5843, 0.4353
CMYK	0.10, 0.26, 0.00, 0.44
HSL	276°, 15%, 49%
HSV	276°, 26%, 56%
XYZ	19.2413, 16.9888, 28.6506
YIQ	117.2090, 1.5100, 16.6940

Conversions

Conversions Part 2

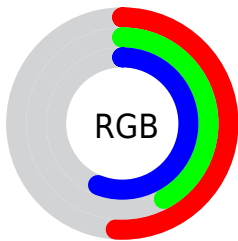
Format	Color
R_{YB}	129, 106, 144
Decimal	8481424
CIE _{Lab}	48.25, 16.66, -17.39
CIE _{LCh}	48, 24.087, 313.776
Yxy	16.9888, 0.2966, 0.2618
Android (android.graphics.Color)	4286671504 (0xFF816A90)
YUV	117.2090, 13.2080, 10.3407
Hunter-Lab	41.2175, 11.1975, -12.3607

Details

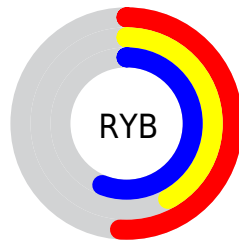
The XYZ color **19.2413, 16.9888, 28.6506** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.4606, 25.0525, 17.3937**, and the grayscale version is **16.9337, 17.8156, 19.4012**.

A 20% lighter version of the original color is **41.5414, 38.1362, 58.5976**, and **6.8088, 5.5983, 11.3114** is the 20% darker color. If you saturate the color by 10%, you get **17.0407, 13.8336, 28.1578**, and if you desaturate by 10%, it is **21.7403, 20.6686, 29.2294**.

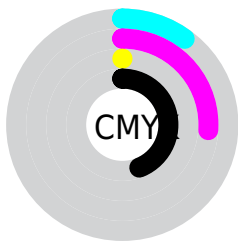
Distribution



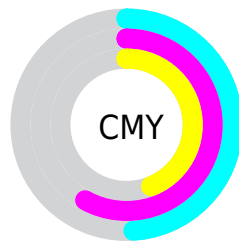
- Red (51%)
- Green (42%)
- Blue (56%)



- Red (51%)
- Yellow (42%)
- Blue (56%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2413, 16.9888, 28.6506 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 19.2413, 16.9888, 28.6506 by changing the saturation by 10% instead.

■ 19.2413, 16.9888,
28.6506

■ 19.2413, 16.9888,
28.6506

240.6903,
235.1078, 309.5720

■ 11.9498, 10.2265,
18.5734

■ 41.6552, 38.3065,
58.5570

■ 6.7815, 5.5494,
11.1887

■ 57.5083, 53.6307,
79.2233

■ 3.3709, 2.5731,
6.0782

■ 76.9459, 72.5777,
104.2564

■ 1.3528, 0.9131,
2.8231

■ 100.3335, 95.5318,
134.0747

■ 0.2222, 0.0000,
1.0050

128.0364,
122.8775, 169.0969

■ 0.0000, 0.0000,
0.0000

160.4199,

154.9992, 209.7415

197.8494,
192.2811, 256.4270

■ 19.2413, 16.9888,
28.6506

■ 19.2413, 16.9888,
28.6506

■ 17.0407, 13.8336,
28.1578

■ 21.7403, 20.6686,
29.2294

■ 15.1235, 11.1757,
27.7458

■ 24.5483, 24.8943,
29.8971

■ 13.4761, 8.9881,
27.4104

■ 27.6774, 29.6888,
30.6576

■ 12.0828, 7.2409,
27.1466

■ 31.1387, 35.0730,
31.5144

■ 10.9260, 5.9003,
26.9488

■ 34.9425, 41.0665,
32.4708

■ 9.9856, 4.9273,
26.8106

■ 39.0987, 47.6882,
33.5298

■ 9.2305, 4.2608,
26.7217

■ 43.6169, 54.9561,
34.6946

■ 8.9792, 4.0474,
26.6938

■ 48.5062, 62.8876,
35.9678

■ 53.7754, 71.4991,
37.3523

Harmonies

Analogous

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



17.1716, 16.9888, 32.8673



19.2413, 16.9888, 28.6506



20.5403, 16.9888, 22.0784

Triad

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



19.2413, 16.9888, 28.6506



17.3534, 16.9888, 9.1622



12.3911, 16.9888, 21.5227

Complementary

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



19.2413, 16.9888, 28.6506



20.4606, 25.0525, 17.3937

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.



12.4302, 16.9888, 15.3271



19.2413, 16.9888, 28.6506



15.1647, 16.9888, 9.0789

Square

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



19.2413, 16.9888, 28.6506



19.3848, 16.9888, 11.3424



13.4042, 16.9888, 11.0813



13.2921, 16.9888, 28.1652

Rectangle

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



19.2413, 16.9888, 28.6506



20.7271, 16.9888, 17.7146



13.4042, 16.9888, 11.0813



12.2974, 16.9888, 19.3040

Sweetspot

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



19.2418, 16.9895, 28.6510



42.3762, 42.5108, 52.5100



17.8403, 18.8019, 29.0747



9.5555, 9.5032, 12.0029



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.



19.2418, 16.9895, 28.6510



31.4441, 26.3706, 49.9708



21.4045, 18.1374, 27.2614



5.4230, 5.4062, 6.7864



7.8460, 3.5383, 23.2465



0.0999, 0.0466, 0.2234

Inverse Universe

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



20.1074, 17.6186, 20.4310



33.3345, 27.7340, 32.4912



18.7213, 24.1326, 18.3669



5.4915, 5.4571, 6.0864



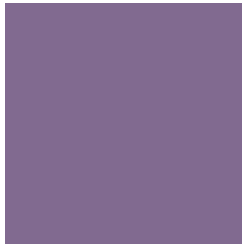
10.6665, 5.4236, 3.8953



0.1123, 0.0560, 0.0916

Previews

White Background



This preview shows how the XYZ color 19.2413, 16.9888, 28.6506 looks on a white background.

Color Contrast Check

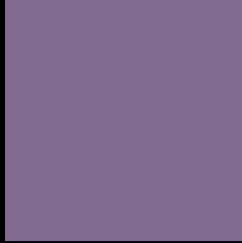
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2413, 16.9888, 28.6506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

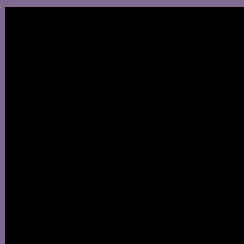
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2413, 16.9888, 28.6506

Background



This preview shows how black text looks on a background with the XYZ color 19.2413, 16.9888, 28.6506.



This preview shows how white text looks on a background with the XYZ color 19.2413, 16.9888,

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

19.2413, 16.9888, 28.6506

Protanopia

17.1556, 16.9834, 30.8077

Deuteranopia

17.3076, 16.9510, 28.3463



Tritanopia

17.4717, 17.0608, 19.8250

Trichromacy



Original Color

19.2413, 16.9888, 28.6506

Protanomaly

17.7818, 16.8359, 29.9162

Deuteranomaly

18.0051, 16.9866, 28.3164

Tritanomaly

17.9691, 16.9314, 22.7431

Monochromacy



Original Color

19.2413, 16.9888, 28.6506

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6210, 17.4075, 22.5099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2413, 16.9888, 28.6506 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(129, 106, 144)` looks like.

```
.text, #text, p{  
    color:rgb(129, 106, 144)  
}
```

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(129, 106, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 106, 144) }
```

Border

The CSS property to change the border of an element to XYZ 19.2413, 16.9888, 28.6506 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(129, 106, 144) }
```


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

```
.border{ border-color:rgb(129, 106, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 106, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 106, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 106, 144); box-shadow:4px 4px 4px 4px rgb(129, 106, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2413, 16.9888, 28.6506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 106, 144) }
```

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

```
.background{ background-color: rgb(129,  
106, 144) }
```

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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