

Converting Colors

XYZ(22.4571, 16.8835, 30.9297)

Have a look what the booklet for
XYZ(22.4571, 16.8835, 30.9297)
contains.

XYZ(22.4566, 16.8828, 30.9293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.4566, 16.8828,
30.9293)**

Conversions

Conversions Part 1

Format	Color
Hex	985E96
RGB	152, 94, 150
RGB Percent	60%, 37%, 59%
CMY	0.4039, 0.6314, 0.4118
CMYK	0.00, 0.38, 0.01, 0.40
HSL	302°, 24%, 48%
HSV	302°, 38%, 60%
XYZ	22.4566, 16.8828, 30.9293
YIQ	117.7260, 16.5920, 29.7120

Conversions

Conversions Part 2

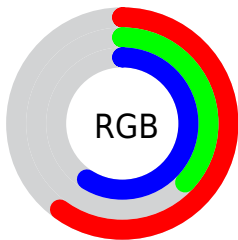
Format	Color
R_{YB}	152, 94, 150
Decimal	9985686
CIE _{Lab}	48.11, 32.76, -20.93
CIE _{LCh}	48, 38.877, 327.421
Yxy	16.8828, 0.3196, 0.2403
Android (android.graphics.Color)	4288175766 (0xFF985E96)
YUV	117.7260, 15.9111, 30.0583
Hunter-Lab	41.0887, 25.6522, -15.8682

Details

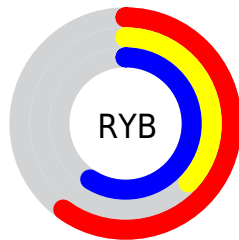
The XYZ color **22.4566, 16.8828, 30.9293** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.9563, 25.6812, 15.0778**, and the grayscale version is **17.0830, 17.9727, 19.5722**.

A 20% lighter version of the original color is **46.9101, 38.1828, 62.0243**, and **8.4460, 5.4869, 12.4183** is the 20% darker color. If you saturate the color by 10%, you get **21.1938, 14.4243, 30.3007**, and if you desaturate by 10%, it is **23.9868, 19.8752, 31.6483**.

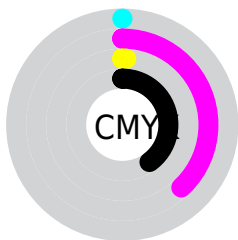
Distribution



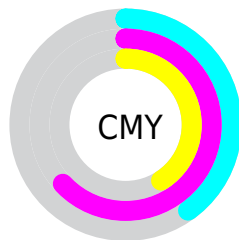
- Red (60%)
- Green (37%)
- Blue (59%)



- Red (60%)
- Yellow (37%)
- Blue (59%)



- Cyan (0%)
- Magenta (38%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4566, 16.8828, 30.9293 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 22.4566, 16.8828, 30.9293 by changing the saturation by 10% instead.

■ 22.4566, 16.8828,
30.9293

■ 22.4566, 16.8828,
30.9293

257.5093,
234.4961, 320.5536

■ 14.3113, 10.1510,
20.2870

■ 46.9728, 38.1242,
62.2070

■ 8.4206, 5.4992,
12.4177

■ 64.0743, 53.4025,
83.6795

■ 4.4193, 2.5430,
6.9028

■ 84.8920, 72.2984,
109.5992

■ 1.9420, 0.8981,
3.3239

■ 109.7911, 95.1963,
140.3845

■ 0.6011, 0.0000,
1.2623

139.1370,
122.4807, 176.4541

■ 0.0000, 0.0000,
0.0306

173.2951,

■ 0.0000, 0.0000,

154.5358, 218.2264

0.0000

212.6308,
191.7462, 266.1201

■ 22.4566, 16.8828,
30.9293

■ 22.4566, 16.8828,
30.9293

■ 21.1938, 14.4243,
30.3007

■ 23.9868, 19.8752,
31.6483

■ 20.1812, 12.4661,
29.7563

■ 25.7973, 23.4281,
32.4615

■ 19.4018, 10.9742,
29.2905

■ 27.9020, 27.5691,
33.3736


■ 18.8362, 9.9096,
28.8970


■ 30.3133, 32.3231,
34.3890


■ 18.4617, 9.2267,
28.5680


■ 33.0431, 37.7139,
35.5114


 18.2346, 8.8384,
28.2892

 36.1026, 43.7636,
36.7447

 18.1966, 8.7745,
28.2391

 39.5024, 50.4936,
38.0923

 43.2526, 57.9242,
39.5577

 47.3630, 66.0750,
41.1441

Harmonies

Analogous

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



19.3718, 16.8828, 41.5334



22.4566, 16.8828, 30.9293



23.8075, 16.8828, 19.2693

Triad

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



22.4566, 16.8828, 30.9293



16.3533, 16.8828, 5.0169



10.7545, 16.8828, 28.8394

Complementary

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



22.4566, 16.8828, 30.9293



17.9563, 25.6812, 15.0778

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.



10.1873, 16.8828, 17.5233



22.4566, 16.8828, 30.9293



13.1255, 16.8828, 5.9814

Square

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



22.4566, 16.8828, 30.9293



19.9766, 16.8828, 6.4040



10.9896, 16.8828, 9.7915



12.6691, 16.8828, 40.0484

Rectangle

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



22.4566, 16.8828, 30.9293



23.4146, 16.8828, 13.1657



10.9896, 16.8828, 9.7915



10.4133, 16.8828, 24.8221

Sweetspot

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



22.4571, 16.8835, 30.9297



48.0567, 46.3136, 58.3958



14.4878, 12.7564, 31.4048



10.8168, 10.3182, 13.2269



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.4571, 16.8835, 30.9297



37.6650, 25.9576, 53.6147



20.4075, 16.0637, 20.1363



6.4520, 6.3200, 7.7604



15.2597, 7.3581, 23.6904



0.2306, 0.1110, 0.3671

Inverse Universe

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



22.4571, 16.8835, 30.9297



37.6650, 25.9576, 53.6147



19.5424, 26.3156, 23.4299



6.4520, 6.3200, 7.7604



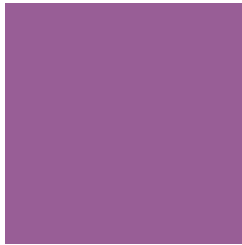
15.2597, 7.3581, 23.6904



0.2306, 0.1110, 0.3671

Previews

White Background



This preview shows how the XYZ color 22.4566, 16.8828, 30.9293 looks on a white background.

Color Contrast Check

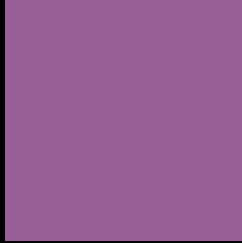
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4566, 16.8828, 30.9293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

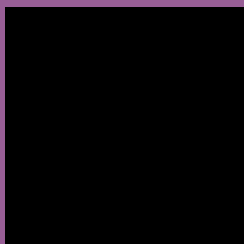
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.4566, 16.8828, 30.9293

Background



This preview shows how black text looks on a background with the XYZ color 22.4566, 16.8828, 30.9293.



This preview shows how white text looks on a background with the XYZ color 22.4566, 16.8828,

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

22.4566, 16.8828, 30.9293

Protanopia

17.6430, 17.0873, 37.4902

Deuteranopia

17.3673, 16.9461, 29.9593



Tritanopia

19.5985, 16.8316, 16.9677

Trichromacy



Original Color

22.4566, 16.8828, 30.9293

Protanomaly

18.8833, 16.6628, 35.0219

Deuteranomaly

18.8543, 16.6012, 30.2276

Tritanomaly

20.5579, 16.7939, 21.5601

Monochromacy



Original Color

22.4566, 16.8828, 30.9293

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.7038, 17.2948, 23.4715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4566, 16.8828, 30.9293 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(152, 94, 150)` looks like.

```
.text, #text, p{  
    color:rgb(152, 94, 150)  
}
```

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(152, 94, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 94, 150) }
```

Border

The CSS property to change the border of an element to XYZ 22.4566, 16.8828, 30.9293 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(152, 94, 150) }
```


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

```
.border{ border-color:rgb(152, 94, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 94, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 94, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 94, 150);  
box-shadow:4px 4px 4px 4px rgb(152, 94,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4566, 16.8828, 30.9293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 94, 150) }
```

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

```
.background{ background-color: rgb(152, 94,  
150) }
```

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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