

Converting Colors

XYZ(22.8557, 16.1767, 19.0061)

Have a look what the booklet for
XYZ(22.8557, 16.1767, 19.0061)
contains.

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Color

**XYZ(22.8807, 16.2400,
19.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	A95576
RGB	169, 85, 118
RGB Percent	66%, 33%, 46%
CMY	0.3373, 0.6666, 0.5373
CMYK	0.00, 0.50, 0.30, 0.34
HSL	336°, 33%, 50%
HSV	336°, 50%, 66%
XYZ	22.8807, 16.2400, 19.0682
YIQ	113.8780, 39.4710, 28.0710

Conversions

Conversions Part 2

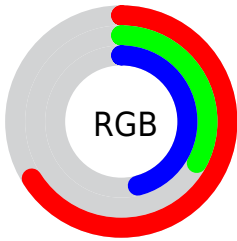
Format	Color
R_{YB}	169, 85, 118
Decimal	11097462
CIE Lab	47.29, 38.25, -2.78
CIE LCh	47, 38.347, 355.844
Yxy	16.2400, 0.3932, 0.2791
Android (android.graphics.Color)	4289287542 (0xFFA95576)
YUV	113.8780, 2.0321, 48.3420
Hunter-Lab	40.2989, 30.8248, 0.1550

Details

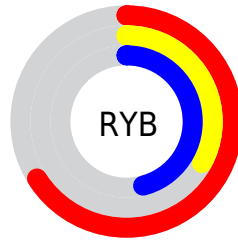
The XYZ color **22.8807, 16.2400, 19.0682** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.3790, 32.0853, 28.3078**, and the grayscale version is **15.9440, 16.7743, 18.2672**.

A 20% lighter version of the original color is **47.5654, 36.9624, 42.6577**, and **8.6169, 5.1637, 6.3369** is the 20% darker color. If you saturate the color by 10%, you get **21.1286, 13.6591, 15.6376**, and if you desaturate by 10%, it is **25.0178, 19.4845, 22.9548**.

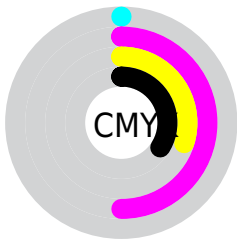
Distribution



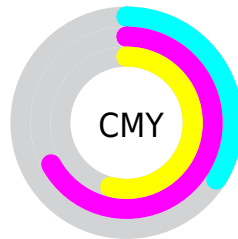
- Red (66%)
- Green (33%)
- Blue (46%)



- Red (66%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (34%)



- Cyan (34%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8807, 16.2400, 19.0682 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 22.8807, 16.2400, 19.0682 by changing the saturation by 10% instead.

■ 22.8807, 16.2400,
19.0682

■ 22.8807, 16.2400,
19.0682

259.6584,
230.7538, 259.2603

■ 14.6257, 9.6941,
11.5423

■ 47.6655, 37.0144,
42.6875

■ 8.6417, 5.1966,
6.3141

■ 64.9259, 52.0116,
59.6180

■ 4.5634, 2.3631,
2.9651

■ 85.9188, 70.5949,
80.5204

■ 2.0256, 0.8068,
1.0769

■ 111.0096, 93.1484,
105.8133

■ 0.6483, 0.0000,
0.0000

■ 140.5636,
120.0567, 135.9152

■ 0.0000, 0.0000,
0.0000

174.9462,

151.7041, 171.2446

214.5227,
188.4750, 212.2201

■ 22.8807, 16.2400,
19.0682

■ 22.8807, 16.2400,
19.0682

■ 21.1286, 13.6591,
15.6376

■ 25.0178, 19.4845,
22.9548

■ 19.7351, 11.6926,
12.6432

■ 27.5613, 23.4324,
27.3140

■ 18.6722, 10.2883,
10.0650


■ 30.5325, 28.1234,
32.1626

■ 17.9070, 9.3838,
7.8804


■ 33.9509, 33.5931,
37.5163


■ 17.3717, 8.8476,
6.0544


■ 37.8346, 39.8753,
43.3898

 17.3571, 8.8330,
6.0045

 42.2008, 47.0014,
49.7975

 47.0659, 55.0013,
56.7530

 52.4452, 63.9035,
64.2694

 58.3536, 73.7349,
72.3594

Harmonies

Analogous

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



21.4732, 16.2400, 30.3502



22.8807, 16.2400, 19.0682



22.0664, 16.2400, 10.7372

Triad

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



22.8807, 16.2400, 19.0682



12.7683, 16.2400, 5.6518



12.0618, 16.2400, 38.0308

Complementary

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



22.8807, 16.2400, 19.0682



22.3790, 32.0853, 28.3078

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.



10.2872, 16.2400, 27.1180



22.8807, 16.2400, 19.0682



10.6513, 16.2400, 9.1453

Square

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



22.8807, 16.2400, 19.0682



15.9122, 16.2400, 4.8448



9.8110, 16.2400, 16.3658



14.9687, 16.2400, 43.5546

Rectangle

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



22.8807, 16.2400, 19.0682



20.4287, 16.2400, 7.3964



9.8110, 16.2400, 16.3658



11.3307, 16.2400, 34.7134

Sweetspot

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



22.8812, 16.2408, 19.0685



57.2949, 54.5341, 61.7385



20.4668, 14.5466, 39.2653



12.2246, 11.4658, 13.0416



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.8812, 16.2408, 19.0685



37.4606, 23.9162, 27.2247



21.9521, 16.9909, 10.7179



7.6486, 7.5893, 8.4667



12.9609, 6.5931, 4.6057



0.3406, 0.1705, 0.2451

Inverse Universe

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



22.8812, 16.2408, 19.0685



37.4606, 23.9162, 27.2247



23.5834, 30.1465, 42.1121



7.6486, 7.5893, 8.4667



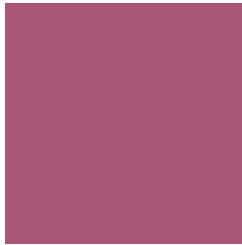
12.9609, 6.5931, 4.6057



0.3406, 0.1705, 0.2451

Previews

White Background



This preview shows how the XYZ color 22.8807, 16.2400, 19.0682 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

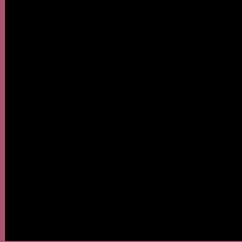
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.8807, 16.2400, 19.0682

Background



This preview shows how black text looks on a background with the XYZ color 22.8807, 16.2400, 19.0682.



This preview shows how white text looks on a background with the XYZ color 22.8807, 16.2400,

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

22.8807, 16.2400, 19.0682

Protanopia

16.3517, 16.5258, 25.2496

Deuteranopia

16.6743, 16.3631, 18.1992



Tritanopia

21.6200, 16.2048, 13.0547

Trichromacy



Original Color

22.8807, 16.2400, 19.0682

Protanomaly

17.9197, 15.8335, 22.8806

Deuteranomaly

18.4669, 15.9276, 18.3207

Tritanomaly

22.1369, 16.3038, 15.0769

Monochromacy



Original Color

22.8807, 16.2400, 19.0682

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.7763, 16.0066, 18.3723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8807, 16.2400, 19.0682 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(169, 85, 118)` looks like.

```
.text, #text, p{  
    color:rgb(169, 85, 118)  
}
```

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(169, 85, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 85, 118) }
```

Border

The CSS property to change the border of an element to XYZ 22.8807, 16.2400, 19.0682 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(169, 85, 118) }
```


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

```
.border{ border-color:rgb(169, 85, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 85, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 85, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 85, 118);  
box-shadow:4px 4px 4px 4px rgb(169, 85,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8807, 16.2400, 19.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 85, 118) }
```

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

```
.background{ background-color: rgb(169, 85,  
118) }
```

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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