

Converting Colors

XYZ(22.4942, 17.7413, 27.0360)

Have a look what the booklet for
XYZ(22.4942, 17.7413, 27.0360)
contains.

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Color

**XYZ(22.5219, 17.6872,
27.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	9A638C
RGB	154, 99, 140
RGB Percent	60%, 39%, 55%
CMY	0.3961, 0.6117, 0.4510
CMYK	0.00, 0.36, 0.09, 0.40
HSL	315°, 22%, 50%
HSV	315°, 36%, 60%
XYZ	22.5219, 17.6872, 27.0379
YIQ	120.1190, 19.6190, 24.4110

Conversions

Conversions Part 2

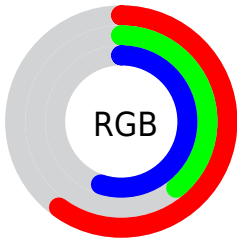
Format	Color
RYB	154, 99, 140
Decimal	10118028
CIELab	49.11, 28.74, -13.44
CIELCh	49, 31.727, 334.931
Yxy	17.6872, 0.3349, 0.2630
Android (android.graphics.Color)	4288308108 (0xFF9A638C)
YUV	120.1190, 9.8013, 29.7136
Hunter-Lab	42.0562, 21.9920, -8.6782

Details

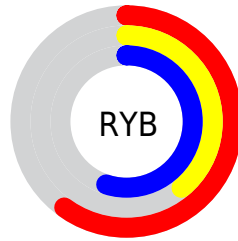
The XYZ color **22.5219, 17.6872, 27.0379** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.6826, 26.9566, 19.7897**, and the grayscale version is **17.8564, 18.7863, 20.4583**.

A 20% lighter version of the original color is **47.0987, 39.5836, 56.1970**, and **8.5088, 5.9306, 10.3691** is the 20% darker color. If you saturate the color by 10%, you get **20.9159, 14.9293, 25.1018**, and if you desaturate by 10%, it is **24.4175, 21.0073, 29.1217**.

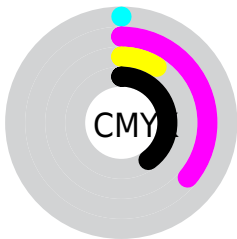
Distribution



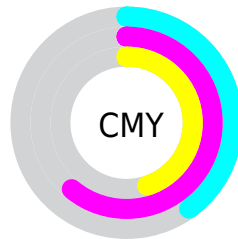
- Red (60%)
- Green (39%)
- Blue (55%)



- Red (60%)
- Yellow (39%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5219, 17.6872, 27.0379 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 22.5219, 17.6872, 27.0379 by changing the saturation by 10% instead.

■ 22.5219, 17.6872,
27.0379

■ 22.5219, 17.6872,
27.0379

257.8412,
239.1020, 301.6066

■ 14.3596, 10.7256,
17.3690

■ 47.0795, 39.5036,
55.9492

■ 8.4546, 5.8827,
10.3332

■ 64.2056, 55.1272,
76.0286

■ 4.4414, 2.7739,
5.5119

■ 85.0504, 74.4070,
100.4153

■ 1.9548, 1.0148,
2.4867

■ 109.9791, 97.7273,
129.5278

■ 0.6084, 0.0000,
0.8331

139.3572,
125.4726, 163.7846

■ 0.0000, 0.0000,
0.0000

173.5500,

158.0272, 203.6043

212.9229,
195.7755, 249.4055

■ 22.5219, 17.6872,
27.0379

■ 22.5219, 17.6872,
27.0379

■ 20.9159, 14.9293,
25.1018

■ 24.4175, 21.0073,
29.1217

■ 19.5819, 12.6994,
23.3065

■ 26.6159, 24.9164,
31.3576

■ 18.5028, 10.9633,
21.6459

■ 29.1311, 29.4425,
33.7510

■ 17.6591, 9.6818,
20.1130

■ 31.9762, 34.6113,
36.3067

■ 17.0280, 8.8098,
18.6997

■ 35.1631, 40.4466,
39.0291

■ 16.5786, 8.2856,
17.3950

■ 38.7034, 46.9714,
41.9226

■ 16.4095, 8.1032,
16.8580

■ 42.6081, 54.2075,
44.9914

■ 46.8875, 62.1755,
48.2394

■ 51.5518, 70.8954,
51.6704

Harmonies

Analogous

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



20.2913, 17.6872, 35.9851



22.5219, 17.6872, 27.0379



23.1548, 17.6872, 17.8888

Triad

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



22.5219, 17.6872, 27.0379



16.3259, 17.6872, 7.1417



12.5570, 17.6872, 30.2015

Complementary

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



22.5219, 17.6872, 27.0379



19.6826, 26.9566, 19.7897

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.



11.7469, 17.6872, 20.6961



22.5219, 17.6872, 27.0379



13.7536, 17.6872, 8.7343

Square

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



22.5219, 17.6872, 27.0379



19.3443, 17.6872, 7.9319



12.1579, 17.6872, 13.1356



14.5094, 17.6872, 38.1563

Rectangle

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



22.5219, 17.6872, 27.0379



22.5290, 17.6872, 13.1633



12.1579, 17.6872, 13.1356



12.1532, 17.6872, 26.9930

Sweetspot

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



22.5224, 17.6880, 27.0383



50.3290, 48.8136, 58.8800



17.0733, 14.7519, 32.5197



11.2645, 10.8200, 13.2053



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.5224, 17.6880, 27.0383



38.4966, 27.9727, 46.2300



20.7555, 16.9812, 17.7338



6.3940, 6.2968, 7.4550



13.3840, 6.6078, 13.8131



0.2144, 0.1045, 0.2818

Inverse Universe

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



22.5224, 17.6880, 27.0383



38.4966, 27.9727, 46.2300



21.4539, 27.6652, 29.1174



6.3940, 6.2968, 7.4550



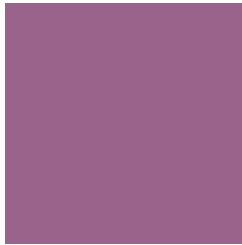
13.3840, 6.6078, 13.8131



0.2144, 0.1045, 0.2818

Previews

White Background



This preview shows how the XYZ color 22.5219, 17.6872, 27.0379 looks on a white background.

Color Contrast Check

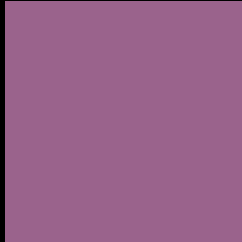
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5219, 17.6872, 27.0379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

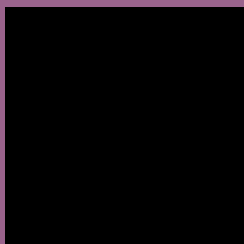
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5219, 17.6872, 27.0379

Background



This preview shows how black text looks on a background with the XYZ color 22.5219, 17.6872, 27.0379.



This preview shows how white text looks on a background with the XYZ color 22.5219, 17.6872,

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

22.5219, 17.6872, 27.0379

Protanopia

18.0972, 17.9459, 32.2158

Deuteranopia

18.1404, 17.7627, 26.1394



Tritanopia

20.6374, 17.6498, 17.6483

Trichromacy



Original Color

22.5219, 17.6872, 27.0379

Protanomaly

19.3787, 17.6500, 30.4024

Deuteranomaly

19.5718, 17.6778, 26.4254

Tritanomaly

21.2131, 17.5833, 20.6882

Monochromacy



Original Color

22.5219, 17.6872, 27.0379

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.1407, 18.0262, 22.5493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5219, 17.6872, 27.0379 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(154, 99, 140)` looks like.

```
.text, #text, p{  
    color:rgb(154, 99, 140)  
}
```

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(154, 99, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 99, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.5219, 17.6872, 27.0379 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(154, 99, 140) }
```


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

```
.border{ border-color:rgb(154, 99, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 99, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 99, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 99, 140); box-shadow:4px 4px 4px 4px rgb(154, 99, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5219, 17.6872, 27.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 99, 140) }
```

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

```
.background{ background-color: rgb(154, 99,  
140) }
```

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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