

Converting Colors

XYZ(22.6867, 17.4408, 28.8000)

Have a look what the booklet for
XYZ(22.6867, 17.4408, 28.8000)
contains.

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Color

**XYZ(22.7120, 17.4637,
28.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6191
RGB	154, 97, 145
RGB Percent	60%, 38%, 57%
CMY	0.3961, 0.6196, 0.4314
CMYK	0.00, 0.37, 0.06, 0.40
HSL	309°, 23%, 49%
HSV	309°, 37%, 60%
XYZ	22.7120, 17.4637, 28.9619
YIQ	119.5150, 18.5640, 27.0120

Conversions

Conversions Part 2

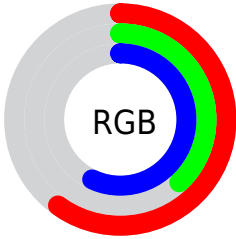
Format	Color
R_{YB}	154, 97, 145
Decimal	10117521
CIE _{Lab}	48.84, 30.79, -16.83
CIE _{LCh}	49, 35.093, 331.339
Yxy	17.4637, 0.3285, 0.2526
Android (android.graphics.Color)	4288307601 (0xFF9A6191)
YUV	119.5150, 12.5641, 30.2433
Hunter-Lab	41.7896, 23.8802, -11.8377

Details

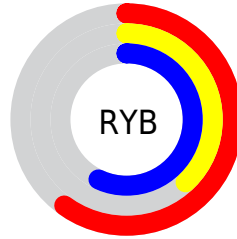
The XYZ color **22.7120, 17.4637, 28.9619** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0876, 26.6939, 17.7831**, and the grayscale version is **17.6555, 18.5750, 20.2282**.

A 20% lighter version of the original color is **47.3507, 39.1737, 59.0985**, and **8.5982, 5.8296, 11.2617** is the 20% darker color. If you saturate the color by 10%, you get **21.2394, 14.8152, 27.5559**, and if you desaturate by 10%, it is **24.4659, 20.6679, 30.4819**.

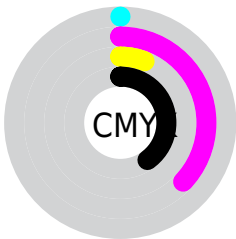
Distribution



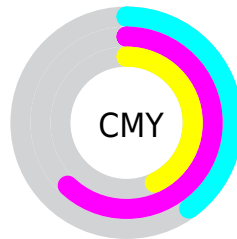
- Red (60%)
- Green (38%)
- Blue (57%)



- Red (60%)
- Yellow (38%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7120, 17.4637, 28.9619 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 22.7120, 17.4637, 28.9619 by changing the saturation by 10% instead.

■ 22.7120, 17.4637,
28.9619

■ 22.7120, 17.4637,
28.9619

258.8054,
237.8306, 311.0905

■ 14.5005, 10.5656,
18.8067

■ 47.3901, 39.1213,
59.0580

■ 8.5536, 5.7756,
11.3553

■ 64.5875, 54.6497,
79.8360

■ 4.5060, 2.7091,
6.1892

■ 85.5109, 73.8236,
104.9919

■ 1.9922, 0.9818,
2.8898

■ 110.5256, 97.0275,
134.9444

■ 0.6296, 0.0000,
1.0386

139.9971,
124.6458, 170.1120

■ 0.0000, 0.0000,
0.0000

174.2906,

157.0628, 210.9131

213.7716,
194.6629, 257.7664

■ 22.7120, 17.4637,
28.9619

■ 22.7120, 17.4637,
28.9619

■ 21.2394, 14.8152,
27.5559

■ 24.4659, 20.6679,
30.4819

■ 20.0305, 12.6878,
26.2573

■ 26.5143, 24.4549,
32.1198

■ 19.0680, 11.0471,
25.0603

■ 28.8715, 28.8530,
33.8806

■ 18.3321, 9.8530,
23.9584

■ 31.5503, 33.8878,
35.7688

■ 17.7996, 9.0596,
22.9435

■ 34.5629, 39.5835,
37.7886

■ 17.4335, 8.5928,
22.0033

■ 37.9208, 45.9632,
39.9439

■ 17.3347, 8.4734,
21.7296

■ 41.6348, 53.0486,
42.2384

■ 45.7155, 60.8606,
44.6757

■ 50.1729, 69.4193,
47.2594

Harmonies

Analogous

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



20.0677, 17.4637, 38.7770



22.7120, 17.4637, 28.9619



23.6672, 17.4637, 18.5997

Triad

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



22.7120, 17.4637, 28.9619



16.4531, 17.4637, 6.1432



11.8105, 17.4637, 29.9319

Complementary

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



22.7120, 17.4637, 28.9619



19.0876, 26.6939, 17.7831

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.



11.0996, 17.4637, 19.4365



22.7120, 17.4637, 28.9619



13.5545, 17.4637, 7.4546

Square

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



22.7120, 17.4637, 28.9619



19.7819, 17.4637, 7.2327



11.6945, 17.4637, 11.6544



13.7767, 17.4637, 39.4537

Rectangle

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



22.7120, 17.4637, 28.9619



23.1305, 17.4637, 13.2148



11.6945, 17.4637, 11.6544



11.4293, 17.4637, 26.3038

Sweetspot

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



22.7125, 17.4645, 28.9623



50.5743, 48.9117, 60.1717



15.9987, 13.9200, 32.4160



11.3260, 10.8446, 13.5291



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.



22.7125, 17.4645, 28.9623



39.1110, 27.8556, 50.5838



20.8098, 16.7034, 18.9423



6.4193, 6.3069, 7.5881



14.1335, 6.9077, 17.7601



0.2212, 0.1072, 0.3177

Inverse Universe

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



22.7125, 17.4645, 28.9623



39.1110, 27.8556, 50.5838



20.7926, 27.3759, 26.7614



6.4193, 6.3069, 7.5881



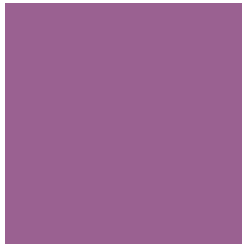
14.1335, 6.9077, 17.7601



0.2212, 0.1072, 0.3177

Previews

White Background



This preview shows how the XYZ color 22.7120, 17.4637, 28.9619 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 22.7120, 17.4637, 28.9619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

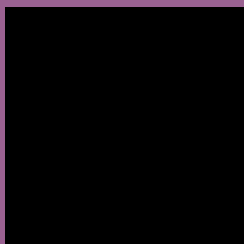
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.7120, 17.4637, 28.9619

Background



This preview shows how black text looks on a background with the XYZ color 22.7120, 17.4637, 28.9619.



This preview shows how white text looks on a background with the XYZ color 22.7120, 17.4637,

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

22.7120, 17.4637, 28.9619

Protanopia

18.0112, 17.6731, 34.8097

Deuteranopia

17.9700, 17.6325, 28.0475



Tritanopia

20.4526, 17.5545, 17.6396

Trichromacy



Original Color

22.7120, 17.4637, 28.9619

Protanomaly

19.1384, 17.1626, 32.4410

Deuteranomaly

19.3737, 17.3754, 28.3193

Tritanomaly

21.0543, 17.3419, 21.3064

Monochromacy



Original Color

22.7120, 17.4637, 28.9619

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2723, 18.0789, 23.2427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7120, 17.4637, 28.9619 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, 97, 145)` looks like.

```
.text, #text, p{  
    color:rgb(154, 97, 145)  
}
```

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, 97, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 97, 145) }
```

Border

The CSS property to change the border of an element to XYZ 22.7120, 17.4637, 28.9619 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, 97, 145) }
```


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

```
.border{ border-color:rgb(154, 97, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 97, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 97, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 97, 145);  
box-shadow:4px 4px 4px 4px rgb(154, 97,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7120, 17.4637, 28.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 97, 145) }
```

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

```
.background{ background-color: rgb(154, 97,  
145) }
```

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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