

Converting Colors

XYZ(22.9193, 17.7175, 28.5974)

Have a look what the booklet for
XYZ(22.9193, 17.7175, 28.5974)
contains.

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Color

**XYZ(22.9193, 17.7175,
28.5974)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6290
RGB	155, 98, 144
RGB Percent	61%, 38%, 56%
CMY	0.3922, 0.6157, 0.4353
CMYK	0.00, 0.37, 0.07, 0.39
HSL	312°, 23%, 50%
HSV	312°, 37%, 61%
XYZ	22.9193, 17.7175, 28.5974
YIQ	120.2870, 19.2060, 26.3900

Conversions

Conversions Part 2

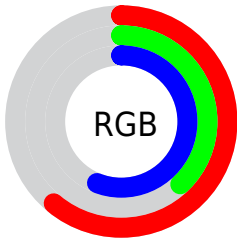
Format	Color
R_{YB}	155, 98, 144
Decimal	10183312
CIE _{Lab}	49.15, 30.39, -15.75
CIE _{LCh}	49, 34.226, 332.600
Yxy	17.7175, 0.3310, 0.2559
Android (android.graphics.Color)	4288373392 (0xFF9B6290)
YUV	120.2870, 11.6905, 30.4433
Hunter-Lab	42.0922, 23.5325, -10.8171

Details

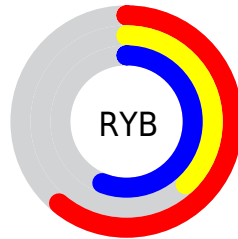
The XYZ color **22.9193, 17.7175, 28.5974** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.5194, 27.1441, 18.6796**, and the grayscale version is **17.9043, 18.8367, 20.5132**.

A 20% lighter version of the original color is **47.6777, 39.5915, 58.5551**, and **8.7545, 5.9729, 11.2812** is the 20% darker color. If you saturate the color by 10%, you get **21.3815, 15.0028, 26.9718**, and if you desaturate by 10%, it is **24.7451, 20.9979, 30.3493**.

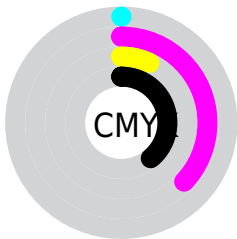
Distribution



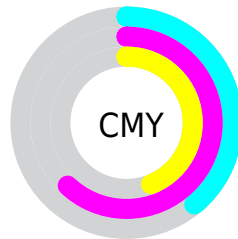
- Red (61%)
- Green (38%)
- Blue (56%)



- Red (61%)
- Yellow (38%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9193, 17.7175, 28.5974 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 22.9193, 17.7175, 28.5974 by changing the saturation by 10% instead.

■ 22.9193, 17.7175,
28.5974

■ 22.9193, 17.7175,
28.5974

259.8533,
239.2739, 309.3119

■ 14.6543, 10.7474,
18.5335

■ 47.7284, 39.5554,
58.4714

■ 8.6619, 5.8972,
11.1603

■ 65.0032, 55.1919,
79.1185

■ 4.5766, 2.7827,
6.0592

■ 86.0121, 74.4860,
104.1305

■ 2.0332, 1.0194,
2.8118

■ 111.1202, 97.8220,
133.9258

■ 0.6525, 0.0000,
0.9993

140.6930,
125.5844, 168.9231

■ 0.0000, 0.0000,
0.0000

175.0959,

158.1576, 209.5409

214.6942,
195.9260, 256.1976

■ 22.9193, 17.7175,
28.5974

■ 22.9193, 17.7175,
28.5974

■ 21.3815, 15.0028,
26.9718

■ 24.7451, 20.9979,
30.3493

■ 20.1138, 12.8188,
25.4656

■ 26.8722, 24.8716,
32.2316

■ 19.0987, 11.1305,
24.0731

■ 29.3152, 29.3672,
34.2495

■ 18.3160, 9.8975,
22.7873

■ 32.0871, 34.5108,
36.4077

■ 17.7422, 9.0730,
21.6001

■ 35.2004, 40.3269,
38.7104

■ 17.3413, 8.5850,
20.4992

■ 38.6665, 46.8389,
41.1617

■ 17.2249, 8.4515,
20.1544

■ 42.4968, 54.0689,
43.7657

■ 46.7017, 62.0381,
46.5259

■ 51.2916, 70.7669,
49.4461

Harmonies

Analogous

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



20.3799, 17.7175, 38.2865



22.9193, 17.7175, 28.5974



23.7701, 17.7175, 18.5023

Triad

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



22.9193, 17.7175, 28.5974



16.5621, 17.7175, 6.4935



12.1672, 17.7175, 30.4371

Complementary

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



22.9193, 17.7175, 28.5974



19.5194, 27.1441, 18.6796

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.



11.4075, 17.7175, 20.1025



22.9193, 17.7175, 28.5974



13.7356, 17.7175, 7.9227

Square

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



22.9193, 17.7175, 28.5974



19.8354, 17.7175, 7.4889



11.9436, 17.7175, 12.2610



14.1624, 17.7175, 39.5640

Rectangle

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



22.9193, 17.7175, 28.5974



23.1880, 17.7175, 13.2772



11.9436, 17.7175, 12.2610



11.7712, 17.7175, 26.8926

Sweetspot

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



22.9199, 17.7183, 28.5978



50.4849, 48.8759, 59.7006



16.5241, 14.3192, 32.9038



11.3035, 10.8356, 13.4109



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.



22.9199, 17.7183, 28.5978



38.7805, 27.7234, 48.8434



21.0412, 16.9668, 18.7050



6.4101, 6.3032, 7.5396



13.8483, 6.7936, 16.2580



0.2187, 0.1062, 0.3044

Inverse Universe

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



22.9199, 17.7183, 28.5978



38.7805, 27.7234, 48.8434



21.2708, 27.8446, 27.9022



6.4101, 6.3032, 7.5396



13.8483, 6.7936, 16.2580



0.2187, 0.1062, 0.3044

Previews

White Background



This preview shows how the XYZ color 22.9193, 17.7175, 28.5974 looks on a white background.

Color Contrast Check

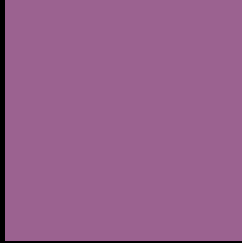
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9193, 17.7175, 28.5974 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 22.9193, 17.7175, 28.5974

Background



This preview shows how black text looks on a background with the XYZ color 22.9193, 17.7175, 28.5974.



This preview shows how white text looks on a background with the XYZ color 22.9193, 17.7175,

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

22.9193, 17.7175, 28.5974

Protanopia

18.2751, 17.9893, 34.4074

Deuteranopia

18.2746, 17.9665, 27.7040



Tritanopia

20.6374, 17.6498, 17.6483

Trichromacy



Original Color

22.9193, 17.7175, 28.5974

Protanomaly

19.4483, 17.4894, 32.0565

Deuteranomaly

19.7112, 17.7156, 27.9717

Tritanomaly

21.3384, 17.6334, 21.3477

Monochromacy



Original Color

22.9193, 17.7175, 28.5974

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.4295, 18.1599, 23.2500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9193, 17.7175, 28.5974 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(155, 98, 144)` looks like.

```
.text, #text, p{  
    color:rgb(155, 98, 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(155, 98, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 98, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.9193, 17.7175, 28.5974 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(155, 98, 144) }
```


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

```
.border{ border-color:rgb(155, 98, 144) }
```

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

Here you see how a box with a 4 pixel rgb(155, 98, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 98, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 98, 144);  
box-shadow:4px 4px 4px 4px rgb(155, 98,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9193, 17.7175, 28.5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 98, 144) }
```

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

```
.background{ background-color: rgb(155, 98,  
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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