

Converting Colors

XYZ(26.8407, 22.9372, 35.0927)

Have a look what the booklet for
XYZ(26.8407, 22.9372, 35.0927)
contains.

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Color

**XYZ(26.7832, 22.8971,
34.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	9E779D
RGB	158, 119, 157
RGB Percent	62%, 47%, 62%
CMY	0.3804, 0.5333, 0.3843
CMYK	0.00, 0.25, 0.01, 0.38
HSL	302°, 17%, 54%
HSV	302°, 25%, 62%
XYZ	26.7832, 22.8971, 34.9062
YIQ	134.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

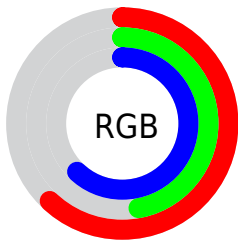
Format	Color
R _Y B	158, 119, 157
Decimal	10385309
CIE _{Lab}	54.97, 21.91, -14.53
CIE _{LCh}	55, 26.290, 326.460
Yxy	22.8971, 0.3166, 0.2707
Android (android.graphics.Color)	4288575389 (0xFF9E779D)
YUV	134.9930, 10.8495, 20.1771
Hunter-Lab	47.8509, 16.1712, -9.7551

Details

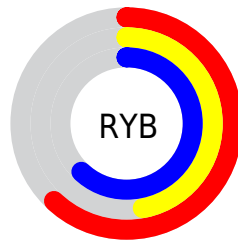
The XYZ color **26.7832, 22.8971, 34.9062** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.2257, 29.7325, 22.2855**, and the grayscale version is **22.9853, 24.1823, 26.3346**.

A 20% lighter version of the original color is **54.0768, 48.4046, 68.7802**, and **10.7355, 8.4851, 14.7076** is the 20% darker color. If you saturate the color by 10%, you get **25.0226, 19.4308, 34.1491**, and if you desaturate by 10%, it is **28.8579, 26.9907, 35.7691**.

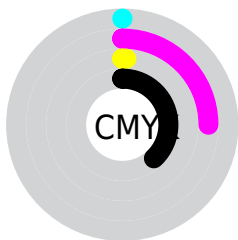
Distribution



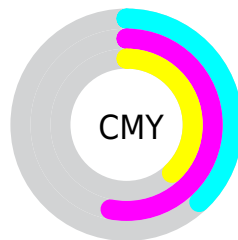
- Red (62%)
- Green (47%)
- Blue (62%)



- Red (62%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7832, 22.8971, 34.9062 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 26.7832, 22.8971, 34.9062 by changing the saturation by 10% instead.

■ 26.7832, 22.8971,
34.9062

■ 26.7832, 22.8971,
34.9062

278.7926,
267.1960, 339.0458

■ 17.5462, 14.5175,
23.3077

■ 53.9581, 48.2243,
68.4904

■ 10.7224, 8.4815,
14.6134

■ 72.6268, 65.9408,
91.3130

■ 5.9464, 4.4046,
8.4049

■ 95.1700, 87.5383,
118.7142

■ 2.8529, 1.9023,
4.2637

121.9532,
113.4013, 151.1123

■ 1.0764, 0.5498,
1.7711

153.3417,
143.9142, 188.9260

■ 0.0053, 0.0000,
0.4088

189.7009,

■ 0.0000, 0.0000,

179.4613, 232.5738

0.0000

231.3961,
220.4272, 282.4742

■ 26.7832, 22.8971,
34.9062

■ 26.7832, 22.8971,
34.9062

■ 25.0226, 19.4308,
34.1491

■ 28.8579, 26.9907,
35.7691

■ 23.5586, 16.5579,
33.4912

■ 31.2591, 31.7373,
36.7411

■ 22.3751, 14.2458,
32.9274

■ 34.0008, 37.1649,
37.8271

■ 21.4537, 12.4579,
32.4515

■ 37.0958, 43.2989,
39.0316

■ 20.7739, 11.1527,
32.0566

■ 40.5562, 50.1635,
40.3584

■ 20.3118, 10.2830,
31.7350

■ 44.3935, 57.7817,
41.8113

■ 20.0383, 9.7902,
31.4767

■ 48.6187, 66.1754,
43.3942

■ 19.9291, 9.6006,
31.3517

■ 53.2422, 75.3657,
45.1104

■ 56.2629, 81.3501,
46.2929

Harmonies

Analogous

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



24.3603, 22.8971, 42.2632



26.7832, 22.8971, 34.9062



27.8579, 22.8971, 25.9365

Triad

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



26.7832, 22.8971, 34.9062



22.1113, 22.8971, 12.0850



17.1160, 22.8971, 32.7992

Complementary

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



26.7832, 22.8971, 34.9062



23.2257, 29.7325, 22.2855

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.



16.6290, 22.8971, 23.9519



26.7832, 22.8971, 34.9062



19.3572, 22.8971, 13.1339

Square

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



26.7832, 22.8971, 34.9062



25.0130, 22.8971, 13.7918



17.4129, 22.8971, 17.0642



18.8075, 22.8971, 40.8682

Rectangle

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



26.7832, 22.8971, 34.9062



27.6002, 22.8971, 20.6490



17.4129, 22.8971, 17.0642



16.8129, 22.8971, 29.7675

Sweetspot

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



26.7839, 22.8981, 34.9067



55.6387, 55.4051, 66.2684



20.4667, 19.6316, 35.0588



12.4886, 12.3821, 14.9180



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.7839, 22.8981, 34.9067



46.6833, 37.7307, 62.5547



25.2748, 22.2945, 26.9599



6.8968, 6.7516, 8.3077



15.9633, 7.6899, 25.1213



0.2875, 0.1383, 0.4600

Inverse Universe

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



26.7839, 22.8981, 34.9067



46.6833, 37.7307, 62.5547



24.5067, 30.2448, 29.0307



6.8968, 6.7516, 8.3077



15.9633, 7.6899, 25.1213



0.2875, 0.1383, 0.4600

Previews

White Background



This preview shows how the XYZ color 26.7832, 22.8971, 34.9062 looks on a white background.

Color Contrast Check

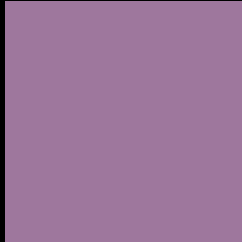
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 26.7832, 22.8971, 34.9062 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 26.7832, 22.8971, 34.9062

Background



This preview shows how black text looks on a background with the XYZ color 26.7832, 22.8971, 34.9062.



This preview shows how white text looks on a background with the XYZ color 26.7832, 22.8971,

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

26.7832, 22.8971, 34.9062

Protanopia

22.9425, 22.8928, 38.8069

Deuteranopia

23.4395, 23.0536, 34.2247



Tritanopia

24.8342, 22.8279, 25.2876

Trichromacy



Original Color

26.7832, 22.8971, 34.9062

Protanomaly

24.1358, 22.7646, 37.3043

Deuteranomaly

24.4897, 22.8183, 34.5661

Tritanomaly

25.5523, 22.9400, 28.6723

Monochromacy



Original Color

26.7832, 22.8971, 34.9062

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1359, 23.5233, 29.2550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7832, 22.8971, 34.9062 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(158, 119, 157)` looks like.

```
.text, #text, p{  
    color:rgb(158, 119, 157)  
}
```

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(158, 119, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 119, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.7832, 22.8971, 34.9062 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(158, 119, 157) }
```


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

```
.border{ border-color:rgb(158, 119, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 119, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 119, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 119, 157);  
box-shadow:4px 4px 4px 4px rgb(158, 119,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7832, 22.8971, 34.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 119, 157) }
```

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

```
.background{ background-color: rgb(158,  
119, 157) }
```

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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