

Converting Colors

XYZ(26.1877, 22.2912, 33.6378)

Have a look what the booklet for
XYZ(26.1877, 22.2912, 33.6378)
contains.

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Color

**XYZ(26.0987, 22.2238,
33.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	9D759A
RGB	157, 117, 154
RGB Percent	62%, 46%, 60%
CMY	0.3843, 0.5412, 0.3961
CMYK	0.00, 0.25, 0.02, 0.38
HSL	305°, 17%, 54%
HSV	305°, 25%, 62%
XYZ	26.0987, 22.2238, 33.4859
YIQ	133.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

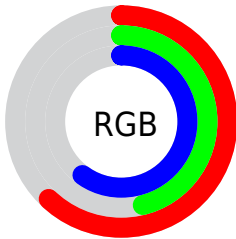
Format	Color
R _Y B	157, 117, 154
Decimal	10319258
CIE Lab	54.26, 22.12, -13.85
CIE LCh	54, 26.105, 327.944
Yxy	22.2238, 0.3190, 0.2717
Android (android.graphics.Color)	4288509338 (0xFF9D759A)
YUV	133.1780, 10.2652, 20.8919
Hunter-Lab	47.1421, 16.3220, -9.1153

Details

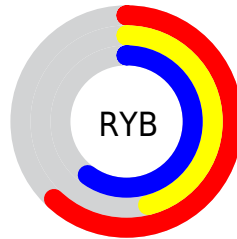
The XYZ color **26.0987, 22.2238, 33.4859** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.7842, 29.2527, 22.2161**, and the grayscale version is **22.3205, 23.4829, 25.5728**.

A 20% lighter version of the original color is **52.7245, 46.9270, 65.9535**, and **10.3410, 8.1168, 13.8536** is the 20% darker color. If you saturate the color by 10%, you get **24.3232, 18.8287, 32.4127**, and if you desaturate by 10%, it is **28.1833, 26.2348, 34.6674**.

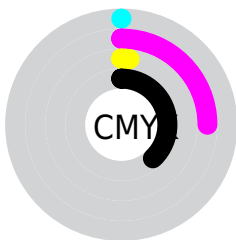
Distribution



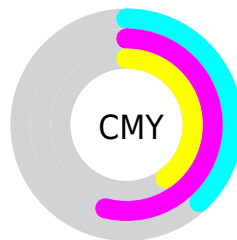
- Red (62%)
- Green (46%)
- Blue (60%)



- Red (62%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (38%)





- Cyan (38%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0987, 22.2238, 33.4859 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 26.0987, 22.2238, 33.4859 by changing the saturation by 10% instead.


 26.0987, 22.2238,
33.4859


 26.0987, 22.2238,
33.4859


275.5141,
263.7128, 332.5325

 17.0306, 14.0214,
22.2248

 52.8643, 47.1156,
66.2581

 10.3517, 8.1356,
13.8223


 71.2925, 64.5739,
88.6063

 5.6968, 4.1818,
7.8598


 93.5714, 85.8862,
115.4873

 2.7005, 1.7758,
3.9189

120.0663,
111.4370, 147.3195

 0.9974, 0.4720,
1.5810

151.1427,
141.6106, 184.5216

 0.0000, 0.0000,
0.2772

187.1659,

 0.0000, 0.0000,

176.7916, 227.5121

0.0000

228.5012,
217.3641, 276.7096

■ 26.0987, 22.2238,
33.4859

■ 26.0987, 22.2238,
33.4859

■ 24.3232, 18.8287,
32.4127

■ 28.1833, 26.2348,
34.6674

■ 22.8395, 16.0160,
31.4412

■ 30.5892, 30.8874,
35.9605

■ 21.6317, 13.7535,
30.5664

■ 33.3305, 36.2090,
37.3702

■ 20.6815, 12.0047,
29.7822

■ 36.4197, 42.2249,
38.9007

■ 19.9683, 10.7285,
29.0817

■ 39.8687, 48.9590,
40.5559

■ 19.4686, 9.8777,
28.4570

■ 43.6889, 56.4340,
42.3396

■ 19.1513, 9.3902,
27.8978

■ 47.8913, 64.6716,
44.2556

■ 19.0329, 9.2195,
27.6548

■ 52.4861, 73.6926,
46.3072

■ 56.4201, 81.3903,
48.1434

Harmonies

Analogous

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



23.7874, 22.2238, 40.8143



26.0987, 22.2238, 33.4859



27.0652, 22.2238, 24.7634

Triad

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



26.0987, 22.2238, 33.4859



21.3196, 22.2238, 11.6900



16.6560, 22.2238, 32.2935

Complementary

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



26.0987, 22.2238, 33.4859



22.7842, 29.2527, 22.2161

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.



16.1212, 22.2238, 23.6412



26.0987, 22.2238, 33.4859



18.6655, 22.2238, 12.8427

Square

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



26.0987, 22.2238, 33.4859



24.1566, 22.2238, 13.2140



16.8238, 22.2238, 16.8090



18.3547, 22.2238, 40.0244

Rectangle

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



26.0987, 22.2238, 33.4859



26.7571, 22.2238, 19.6914



16.8238, 22.2238, 16.8090



16.3412, 22.2238, 29.3444

Sweetspot

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



26.0994, 22.2248, 33.4864



53.5695, 52.9683, 63.7604



20.1477, 19.1273, 34.5289



11.6498, 11.3887, 13.9565



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.



26.0994, 22.2248, 33.4864



44.7299, 35.9518, 58.7706



24.5931, 21.6223, 25.5546



6.8827, 6.7460, 8.2333



15.4639, 7.4901, 22.4919



0.2822, 0.1362, 0.4323

Inverse Universe

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



26.0994, 22.2248, 33.4864



44.7299, 35.9518, 58.7706



24.1030, 29.7802, 29.1610



6.8827, 6.7460, 8.2333



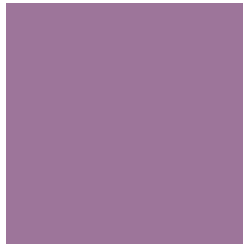
15.4639, 7.4901, 22.4919



0.2822, 0.1362, 0.4323

Previews

White Background



This preview shows how the XYZ color 26.0987, 22.2238, 33.4859 looks on a white background.

Color Contrast Check

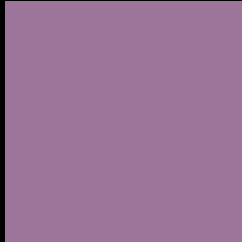
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0987, 22.2238, 33.4859 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 26.0987, 22.2238, 33.4859

Background



This preview shows how black text looks on a background with the XYZ color 26.0987, 22.2238, 33.4859.



This preview shows how white text looks on a background with the XYZ color 26.0987, 22.2238,

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

26.0987, 22.2238, 33.4859

Protanopia

22.3979, 22.4467, 37.3346

Deuteranopia

22.7726, 22.3513, 32.8197



Tritanopia

24.2605, 22.1835, 24.4759

Trichromacy



Original Color

26.0987, 22.2238, 33.4859

Protanomaly

23.5833, 22.3213, 35.8664

Deuteranomaly

23.8172, 22.1285, 33.1529

Tritanomaly

24.8942, 22.2656, 27.4117

Monochromacy



Original Color

26.0987, 22.2238, 33.4859

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5524, 22.8526, 28.3690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0987, 22.2238, 33.4859 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(157, 117, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 117, 154)  
}
```

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(157, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 117, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.0987, 22.2238, 33.4859 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(157, 117, 154) }
```


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

```
.border{ border-color:rgb(157, 117, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 117,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0987, 22.2238, 33.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 117, 154) }
```

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

```
.background{ background-color: rgb(157,  
117, 154) }
```

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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