

Converting Colors

XYZ(26.2441, 22.0042, 36.4206)

Have a look what the booklet for
XYZ(26.2441, 22.0042, 36.4206)
contains.

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Color

**XYZ(26.3887, 22.1319,
36.5993)**

Conversions

Conversions Part 1

Format	Color
Hex	9C74A1
RGB	156, 116, 161
RGB Percent	61%, 45%, 63%
CMY	0.3882, 0.5451, 0.3686
CMYK	0.03, 0.28, 0.00, 0.37
HSL	293°, 19%, 54%
HSV	293°, 28%, 63%
XYZ	26.3887, 22.1319, 36.5993
YIQ	133.0900, 9.3950, 22.4750

Conversions

Conversions Part 2

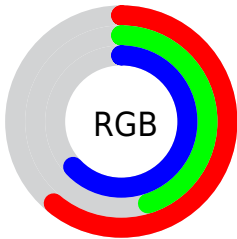
Format	Color
R _{YB}	156, 116, 161
Decimal	10253473
CIE Lab	54.17, 23.74, -18.08
CIE LCh	54, 29.844, 322.706
Yxy	22.1319, 0.3100, 0.2600
Android (android.graphics.Color)	4288443553 (0xFF9C74A1)
YUV	133.0900, 13.7596, 20.0921
Hunter-Lab	47.0446, 17.7980, -13.1947

Details

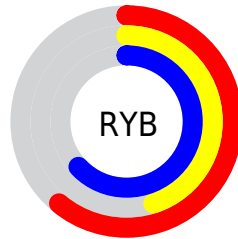
The XYZ color **26.3887, 22.1319, 36.5993** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7832, 30.8162, 21.2187**, and the grayscale version is **22.2767, 23.4369, 25.5228**.

A 20% lighter version of the original color is **53.2613, 46.8120, 71.1942**, and **10.4764, 8.0615, 15.4719** is the 20% darker color. If you saturate the color by 10%, you get **24.3479, 18.5599, 36.0177**, and if you desaturate by 10%, it is **28.7577, 26.3517, 37.2893**.

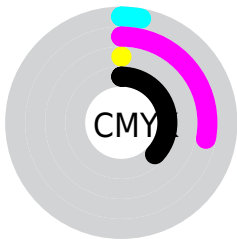
Distribution



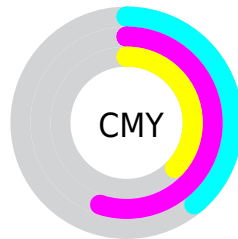
- Red (61%)
- Green (45%)
- Blue (63%)



- Red (61%)
- Yellow (45%)
- Blue (63%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (55%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3887, 22.1319, 36.5993 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 26.3887, 22.1319, 36.5993 by changing the saturation by 10% instead.

■ 26.3887, 22.1319,
36.5993

■ 26.3887, 22.1319,
36.5993

276.9068,
263.2343, 346.6888

■ 17.2489, 13.9538,
24.6040

■ 53.3282, 46.9639,
71.1355

■ 10.5085, 8.0886,
15.5660

■ 71.8586, 64.3866,
94.5135

■ 5.8022, 4.1517,
9.0665

■ 94.2498, 85.6597,
122.5229

■ 2.7647, 1.7588,
4.6872

120.8673,
111.1676, 155.5821

■ 1.0306, 0.4613,
2.0094

152.0764,
141.2946, 194.1098

■ 0.0000, 0.0000,
0.5611

188.2425,

■ 0.0000, 0.0000,

176.4251, 238.5244

0.0000

229.7308,
216.9435, 289.2446

■ 26.3887, 22.1319,
36.5993

■ 26.3887, 22.1319,
36.5993

■ 24.3479, 18.5599,
36.0177

■ 28.7577, 26.3517,
37.2893

■ 22.6164, 15.5997,
35.5376

■ 31.4681, 31.2473,
38.0914

■ 21.1770, 13.2161,
35.1534

■ 34.5352, 36.8484,
39.0108

■ 20.0097, 11.3690,
34.8584

■ 37.9724, 43.1821,
40.0522

■ 19.0918, 10.0134,
34.6451

■ 41.7926, 50.2743,
41.2198

■ 18.3971, 9.0968,
34.5048

■ 46.0082, 58.1494,
42.5176

■ 17.8797, 8.5274,
34.4222

■ 50.6307, 66.8306,
43.9497

■ 17.7801, 8.4229,
34.4072

■ 55.6715, 76.3405,
45.5196

■ 59.2286, 82.8754,
46.5935

Harmonies

Analogous

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



23.5321, 22.1319, 44.5778



26.3887, 22.1319, 36.5993



27.8368, 22.1319, 26.4338

Triad

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



26.3887, 22.1319, 36.5993



21.8363, 22.1319, 10.3836



15.7982, 22.1319, 31.6582

Complementary

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



26.3887, 22.1319, 36.5993



23.7832, 30.8162, 21.2187

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.



15.4438, 22.1319, 21.9038



26.3887, 22.1319, 36.5993



18.7224, 22.1319, 11.1059

Square

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



26.3887, 22.1319, 36.5993



25.0389, 22.1319, 12.5124



16.4605, 22.1319, 14.8268



17.4837, 22.1319, 41.2521

Rectangle

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



26.3887, 22.1319, 36.5993



27.7139, 22.1319, 20.3843



16.4605, 22.1319, 14.8268



15.5270, 22.1319, 28.2371

Sweetspot

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



26.3894, 22.1329, 36.5998



56.2520, 55.7714, 68.1867



20.5042, 20.0229, 36.5027



12.1761, 11.9396, 14.9065



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.



26.3894, 22.1329, 36.5998



44.7517, 35.2324, 64.8284



25.9590, 22.0748, 29.1789



7.2865, 7.1620, 8.9014



14.2215, 6.7379, 27.4808



0.3194, 0.1522, 0.5784

Inverse Universe

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



24.3953, 21.4493, 20.9446



40.5931, 33.8210, 31.5442



24.1990, 30.9037, 26.9715



7.1043, 7.0982, 7.5356



11.8335, 6.0894, 1.0478



0.2575, 0.1315, 0.0688

Previews

White Background



This preview shows how the XYZ color 26.3887, 22.1319, 36.5993 looks on a white background.

Color Contrast Check

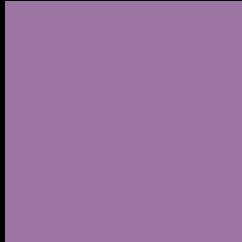
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3887, 22.1319, 36.5993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

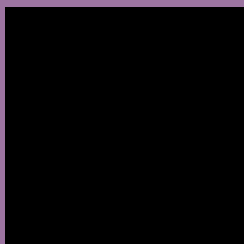
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3887, 22.1319, 36.5993

Background



This preview shows how black text looks on a background with the XYZ color 26.3887, 22.1319, 36.5993.



This preview shows how white text looks on a background with the XYZ color 26.3887, 22.1319,

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

26.3887, 22.1319, 36.5993

Protanopia

22.5826, 22.2626, 41.1371

Deuteranopia

22.7495, 22.2711, 35.9006



Tritanopia

24.0052, 22.2332, 24.4989

Trichromacy



Original Color

26.3887, 22.1319, 36.5993

Protanomaly

23.6984, 22.1109, 39.5780

Deuteranomaly

23.9094, 22.1073, 36.2647

Tritanomaly

24.7358, 22.1582, 28.5644

Monochromacy



Original Color

26.3887, 22.1319, 36.5993

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5318, 22.8246, 29.1519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3887, 22.1319, 36.5993 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(156, 116, 161)` looks like.

```
.text, #text, p{  
    color:rgb(156, 116, 161)  
}
```

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(156, 116, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 116, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.3887, 22.1319, 36.5993 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(156, 116, 161) }
```


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

```
.border{ border-color:rgb(156, 116, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 116, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 116, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 116, 161);  
box-shadow:4px 4px 4px 4px rgb(156, 116,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3887, 22.1319, 36.5993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 116, 161) }
```

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

```
.background{ background-color: rgb(156,  
116, 161) }
```

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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