

Converting Colors

XYZ(26.7072, 22.7336, 40.5165)

Have a look what the booklet for
XYZ(26.7072, 22.7336, 40.5165)
contains.

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Color

**XYZ(26.7072, 22.7336,
40.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	9877A9
RGB	152, 119, 169
RGB Percent	60%, 47%, 66%
CMY	0.4039, 0.5333, 0.3373
CMYK	0.10, 0.30, 0.00, 0.34
HSL	280°, 23%, 56%
HSV	280°, 30%, 66%
XYZ	26.7072, 22.7336, 40.5165
YIQ	134.5670, 3.6180, 22.5460

Conversions

Conversions Part 2

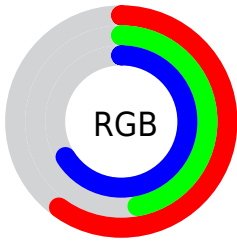
Format	Color
R_{YB}	152, 119, 169
Decimal	9992105
CIE _{Lab}	54.80, 22.33, -21.79
CIE _{LCh}	55, 31.202, 315.705
Yxy	22.7336, 0.2969, 0.2527
Android (android.graphics.Color)	4288182185 (0xFF9877A9)
YUV	134.5670, 16.9755, 15.2887
Hunter-Lab	47.6798, 16.5449, -17.0066

Details

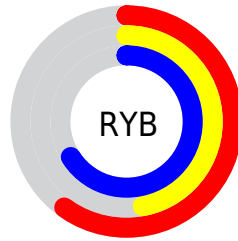
The XYZ color **26.7072, 22.7336, 40.5165** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.6717, 34.9426, 22.7399**, and the grayscale version is **22.8078, 23.9956, 26.1312**.

A 20% lighter version of the original color is **53.9392, 48.1523, 76.9724**, and **10.6566, 8.3740, 17.8843** is the 20% darker color. If you saturate the color by 10%, you get **23.8226, 18.5221, 39.8560**, and if you desaturate by 10%, it is **30.0030, 27.6892, 41.2997**.

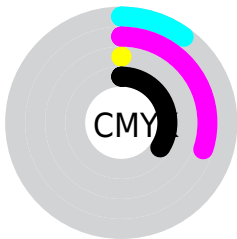
Distribution



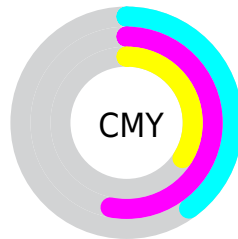
- Red (60%)
- Green (47%)
- Blue (66%)



- Red (60%)
- Yellow (47%)
- Blue (66%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7072, 22.7336, 40.5165 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 26.7072, 22.7336, 40.5165 by changing the saturation by 10% instead.

■ 26.7072, 22.7336,
40.5165

■ 26.7072, 22.7336,
40.5165

278.4301,
266.3537, 363.9124

■ 17.4889, 14.3969,
27.6246

■ 53.8369, 47.9555,
77.1951

■ 10.6811, 8.3972,
17.8063

■ 72.4789, 65.6096,
101.8188

■ 5.9185, 4.3502,
10.6430

■ 94.9930, 87.1382,
131.1903

■ 2.8358, 1.8713,
5.7162

121.7443,
112.9258, 165.7280

■ 1.0675, 0.5310,
2.6073

153.0984,
143.3567, 205.8506

■ 0.0000, 0.0000,
0.8962

189.4204,

■ 0.0000, 0.0000,

178.8154, 251.9765

0.0000

231.0759,
219.6863, 304.5242

■ 26.7072, 22.7336,
40.5165

■ 26.7072, 22.7336,
40.5165

■ 23.8226, 18.5221,
39.8560

■ 30.0030, 27.6892,
41.2997

■ 21.3274, 15.0135,
39.3103

■ 33.7261, 33.4214,
42.2099

■ 19.2008, 12.1669,
38.8729

■ 37.8943, 39.9645,
43.2531

■ 17.4190, 9.9362,
38.5362

■ 42.5237, 47.3494,
44.4346

■ 15.9554, 8.2687,
38.2915

■ 47.6296, 55.6059,
45.7591

■ 14.7785, 7.1029,
38.1285

■ 53.2266, 64.7620,
47.2314

■ 13.8233, 6.3102,
38.0259

■ 59.3284, 74.8445,
48.8559

■ 13.7854, 6.2794,
38.0219

■ 65.9485, 85.8791,
50.6369

■ 67.7452, 87.1817,
50.7937

Harmonies

Analogous

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



23.4517, 22.7336, 47.8919



26.7072, 22.7336, 40.5165



28.6877, 22.7336, 29.7422

Triad

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



26.7072, 22.7336, 40.5165



23.2859, 22.7336, 10.5389



15.8345, 22.7336, 30.2547

Complementary

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



26.7072, 22.7336, 40.5165



27.6717, 34.9426, 22.7399

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.



15.8002, 22.7336, 20.3556



26.7072, 22.7336, 40.5165



19.8628, 22.7336, 10.6074

Square

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



26.7072, 22.7336, 40.5165



26.5747, 22.7336, 13.5008



17.2024, 22.7336, 13.7224



17.3016, 22.7336, 40.9767

Rectangle

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



26.7072, 22.7336, 40.5165



28.8965, 22.7336, 22.9138



17.2024, 22.7336, 13.7224



15.6607, 22.7336, 26.6881

Sweetspot

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



26.7079, 22.7346, 40.5170



60.7006, 60.3215, 75.6690



23.6447, 24.5369, 41.0263



13.0151, 12.8134, 16.4394



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.7079, 22.7346, 40.5170



44.1098, 35.2559, 71.7053



29.4368, 24.2204, 37.0738



7.5905, 7.5370, 9.4731



10.3330, 4.7103, 28.3401



0.3028, 0.1411, 0.6919

Inverse Universe

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



27.4036, 23.4071, 26.3669



45.7263, 36.7630, 41.3391



25.5947, 33.8177, 25.0877



7.6324, 7.5828, 8.3816



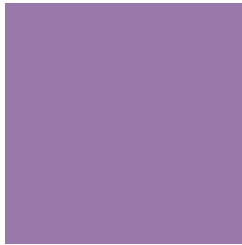
12.7765, 6.5193, 3.6349



0.3347, 0.1682, 0.2140

Previews

White Background



This preview shows how the XYZ color 26.7072, 22.7336, 40.5165 looks on a white background.

Color Contrast Check

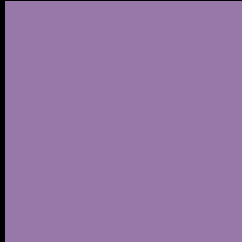
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7072, 22.7336, 40.5165 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 26.7072, 22.7336, 40.5165

Background



This preview shows how black text looks on a background with the XYZ color 26.7072, 22.7336, 40.5165.



This preview shows how white text looks on a background with the XYZ color 26.7072, 22.7336,

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

26.7072, 22.7336, 40.5165

Protanopia

23.3897, 22.9911, 44.7999

Deuteranopia

23.2828, 22.8505, 39.7427



Tritanopia

23.7394, 22.6195, 26.0365

Trichromacy



Original Color

26.7072, 22.7336, 40.5165

Protanomaly

24.3068, 22.7235, 43.1494

Deuteranomaly

24.3932, 22.6453, 40.1311

Tritanomaly

24.7438, 22.6621, 30.6738

Monochromacy



Original Color

26.7072, 22.7336, 40.5165

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1012, 23.4698, 30.8636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7072, 22.7336, 40.5165 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(152, 119, 169)` looks like.

```
.text, #text, p{  
    color:rgb(152, 119, 169)  
}
```

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(152, 119, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 119, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.7072, 22.7336, 40.5165 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(152, 119, 169) }
```


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

```
.border{ border-color:rgb(152, 119, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 119, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 119, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 119, 169);  
box-shadow:4px 4px 4px 4px rgb(152, 119,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7072, 22.7336, 40.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 119, 169) }
```

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

```
.background{ background-color: rgb(152,  
119, 169) }
```

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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