

Converting Colors

XYZ(27.3040, 22.6894, 28.1403)

Have a look what the booklet for
XYZ(27.3040, 22.6894, 28.1403)
contains.

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Color

**XYZ(27.3006, 22.6196,
28.1264)**

Conversions

Conversions Part 1

Format	Color
Hex	A9738D
RGB	169, 115, 141
RGB Percent	66%, 45%, 55%
CMY	0.3373, 0.5490, 0.4471
CMYK	0.00, 0.32, 0.17, 0.34
HSL	331°, 24%, 56%
HSV	331°, 32%, 66%
XYZ	27.3006, 22.6196, 28.1264
YIQ	134.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

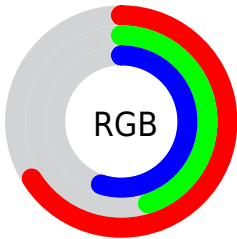
Format	Color
R_{YB}	169, 115, 141
Decimal	11105165
CIE _{Lab}	54.68, 25.25, -5.51
CIE _{LCh}	55, 25.846, 347.680
Yxy	22.6196, 0.3498, 0.2898
Android (android.graphics.Color)	4289295245 (0xFFA9738D)
YUV	134.1100, 3.3968, 30.5985
Hunter-Lab	47.5601, 19.2331, -1.7713

Details

The XYZ color **27.3006, 22.6196, 28.1264** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.2171, 34.0045, 31.1699**, and the grayscale version is **22.6828, 23.8640, 25.9879**.

A 20% lighter version of the original color is **54.9043, 47.9529, 57.9918**, and **11.0390, 8.3648, 10.9303** is the 20% darker color. If you saturate the color by 10%, you get **24.9208, 18.8624, 24.2423**, and if you desaturate by 10%, it is **30.0866, 27.1061, 32.4010**.

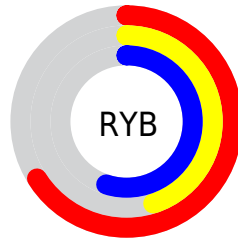
Distribution



Red (66%)

Green (45%)

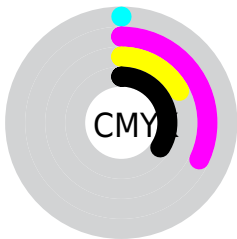
Blue (55%)



Red (66%)

Yellow (45%)

Blue (55%)

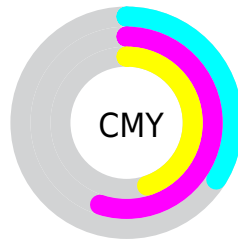


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (34%)



Cyan (34%)


Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3006, 22.6196, 28.1264 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 27.3006, 22.6196, 28.1264 by changing the saturation by 10% instead.


 27.3006, 22.6196,
28.1264


 27.3006, 22.6196,
28.1264


281.2507,
265.7651, 307.0013

 17.9369, 14.3129,
18.1811


 54.7823, 47.7680,
57.7117


 11.0041, 8.3386,
10.9093


 73.6311, 65.3784,
78.1888

 6.1369, 4.3124,
5.8925


 96.3722, 86.8588,
103.0135

 2.9700, 1.8498,
2.7121

 123.3710,
112.5937, 132.6045

 1.1379, 0.5179,
0.9495

154.9929,
142.9673, 167.3802

 0.0565, 0.0000,
0.0000

191.6033,

 0.0000, 0.0000,

178.3642, 207.7593

0.0000

233.5674,
219.1687, 254.1601

■ 27.3006, 22.6196,
28.1264

■ 27.3006, 22.6196,
28.1264

■ 24.9208, 18.8624,
24.2423

■ 30.0866, 27.1061,
32.4010

■ 22.9248, 15.7923,
20.7347

■ 33.2959, 32.3550,
37.0767

■ 21.2907, 13.3674,
17.5904

■ 36.9468, 38.4010,
42.1654


■ 19.9937, 11.5401,
14.7948


■ 41.0562, 45.2759,
47.6779


■ 19.0056, 10.2558,
12.3319


■ 45.6397, 53.0096,
53.6248


 18.2929, 9.4501,
10.1838

 50.7126, 61.6306,
60.0161

 17.8612, 9.0346,
8.6590

 56.2891, 71.1662,
66.8614

 62.3830, 81.6421,
74.1702

 65.0236, 85.1156,
80.6234

Harmonies

Analogous

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



25.8043, 22.6196, 36.7585



27.3006, 22.6196, 28.1264



27.1456, 22.6196, 20.1695

Triad

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



27.3006, 22.6196, 28.1264



19.8799, 22.6196, 12.5117



18.0215, 22.6196, 38.1285

Complementary

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



27.3006, 22.6196, 28.1264



26.2171, 34.0045, 31.1699

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.



16.6958, 22.6196, 29.7014



27.3006, 22.6196, 28.1264



17.7018, 22.6196, 15.5127

Square

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



27.3006, 22.6196, 28.1264



22.6881, 22.6196, 12.2718



16.5841, 22.6196, 21.4341



20.3527, 22.6196, 43.3312

Rectangle

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



27.3006, 22.6196, 28.1264



26.1273, 22.6196, 16.2380



16.5841, 22.6196, 21.4341



17.4528, 22.6196, 35.5036

Sweetspot

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



27.3013, 22.6206, 28.1269



60.7305, 59.7579, 67.9618



24.6035, 20.9580, 40.2848



13.0543, 12.7242, 14.5544



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.



27.3013, 22.6206, 28.1269



45.9482, 35.8434, 45.6162



25.6914, 22.1417, 19.1407



7.6759, 7.6002, 8.6105



13.3386, 6.7442, 6.5947



0.3505, 0.1745, 0.2972

Inverse Universe

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



27.3013, 22.6206, 28.1269



45.9482, 35.8434, 45.6162



28.2534, 34.5520, 42.7163



7.6759, 7.6002, 8.6105



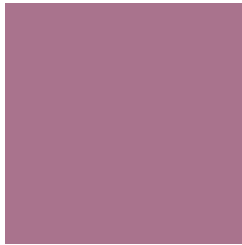
13.3386, 6.7442, 6.5947



0.3505, 0.1745, 0.2972

Previews

White Background



This preview shows how the XYZ color 27.3006, 22.6196, 28.1264 looks on a white background.

Color Contrast Check

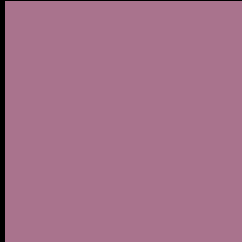
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3006, 22.6196, 28.1264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

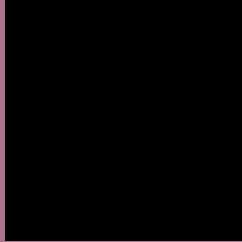
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3006, 22.6196, 28.1264

Background



This preview shows how black text looks on a background with the XYZ color 27.3006, 22.6196, 28.1264.



This preview shows how white text looks on a background with the XYZ color 27.3006, 22.6196,

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

27.3006, 22.6196, 28.1264

Protanopia

22.4706, 22.7888, 32.4925

Deuteranopia

23.0648, 22.6183, 27.5762



Tritanopia

26.2455, 22.7047, 23.0778

Trichromacy



Original Color

27.3006, 22.6196, 28.1264

Protanomaly

23.9278, 22.6135, 30.7075

Deuteranomaly

24.5791, 22.6387, 27.8852

Tritanomaly

26.6746, 22.7134, 24.8080

Monochromacy



Original Color

27.3006, 22.6196, 28.1264

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1374, 23.1879, 26.8705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3006, 22.6196, 28.1264 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(169, 115, 141)` looks like.

```
.text, #text, p{  
    color:rgb(169, 115, 141)  
}
```

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(169, 115, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 115, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.3006, 22.6196, 28.1264 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(169, 115, 141) }
```


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

```
.border{ border-color:rgb(169, 115, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 115, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 115, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 115, 141);  
box-shadow:4px 4px 4px 4px rgb(169, 115,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3006, 22.6196, 28.1264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 115, 141) }
```

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

```
.background{ background-color: rgb(169,  
115, 141) }
```

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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