

Converting Colors

XYZ(26.8816, 22.3896, 26.8374)

Have a look what the booklet for
XYZ(26.8816, 22.3896, 26.8374)
contains.

XYZ(26.8666, 22.4213, 26.9565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8666, 22.4213,
26.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	A8738A
RGB	168, 115, 138
RGB Percent	66%, 45%, 54%
CMY	0.3412, 0.5490, 0.4588
CMYK	0.00, 0.32, 0.18, 0.34
HSL	334°, 23%, 55%
HSV	334°, 32%, 66%
XYZ	26.8666, 22.4213, 26.9565
YIQ	133.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

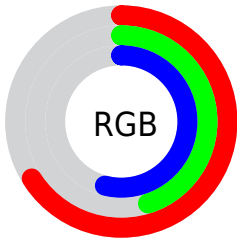
Format	Color
R_{YB}	168, 115, 138
Decimal	11039626
CIE _{Lab}	54.47, 24.39, -4.08
CIE _{LCh}	54, 24.726, 350.500
Yxy	22.4213, 0.3524, 0.2941
Android (android.graphics.Color)	4289229706 (0xFFA8738A)
YUV	133.4690, 2.2338, 30.2837
Hunter-Lab	47.3511, 18.4148, -0.6074

Details

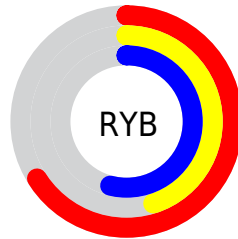
The XYZ color **26.8666, 22.4213, 26.9565** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1846, 33.6949, 31.9133**, and the grayscale version is **22.4519, 23.6211, 25.7234**.

A 20% lighter version of the original color is **53.9632, 47.2463, 55.5655**, and **10.7799, 8.2458, 10.2560** is the 20% darker color. If you saturate the color by 10%, you get **24.4640, 18.6700, 22.9061**, and if you desaturate by 10%, it is **29.6799, 26.8971, 31.4418**.

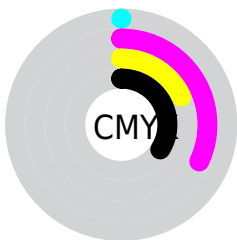
Distribution



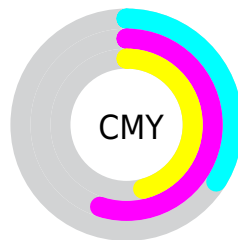
- Red (66%)
- Green (45%)
- Blue (54%)



- Red (66%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (34%)





- Cyan (34%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8666, 22.4213, 26.9565 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 26.8666, 22.4213, 26.9565 by changing the saturation by 10% instead.

 26.8666, 22.4213,
26.9565


 26.8666, 22.4213,
26.9565

279.1900,
264.7386, 301.1999


 17.6091, 14.1668,
17.3084


 54.0911, 47.4413,
55.8169


 10.7677, 8.2368,
10.2903


 72.7889, 64.9756,
75.8664

 5.9770, 4.2468,
5.4838


 95.3641, 86.3720,
100.2200

 2.8716, 1.8126,
2.4702

 122.1822,
112.0148, 129.2964

 1.0862, 0.4950,
0.8243

153.6085,
142.2885, 163.5140

 0.0136, 0.0000,
0.0000

190.0083,

 0.0000, 0.0000,

177.5774, 203.2914

0.0000

231.7470,
218.2660, 249.0472

■ 26.8666, 22.4213,
26.9565

■ 26.8666, 22.4213,
26.9565

■ 24.4640, 18.6700,
22.9061

■ 29.6799, 26.8971,
31.4418

■ 22.4497, 15.6014,
19.2749

■ 32.9211, 32.1298,
36.3742

■ 20.8019, 13.1745,
16.0478

■ 36.6085, 38.1540,
41.7672

■ 19.4958, 11.3421,
13.2084

■ 40.7589, 45.0008,
47.6333

■ 18.5033, 10.0509,
10.7386

■ 45.3882, 52.6999,
53.9843

■ 17.7913, 9.2376,
8.6183

■ 50.5115, 61.2794,
60.8317

■ 17.3478, 8.8046,
7.0711

■ 56.1433, 70.7661,
68.1866

■ 62.2973, 81.1858,
76.0595

■ 65.3076, 85.2045,
83.2345

Harmonies

Analogous

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



25.5839, 22.4213, 35.1733



26.8666, 22.4213, 26.9565



26.5664, 22.4213, 19.5566

Triad

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



26.8666, 22.4213, 26.9565



19.5397, 22.4213, 12.9446



18.1690, 22.4213, 37.8137

Complementary

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



26.8666, 22.4213, 26.9565



26.1846, 33.6949, 31.9133

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.



16.7984, 22.4213, 30.0133



26.8666, 22.4213, 26.9565



17.5421, 22.4213, 16.1069

Square

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



26.8666, 22.4213, 26.9565



22.1813, 22.4213, 12.4662



16.5791, 22.4213, 22.0347



20.4633, 22.4213, 42.2605

Rectangle

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



26.8666, 22.4213, 26.9565



25.5180, 22.4213, 15.9565



16.5791, 22.4213, 22.0347



17.5934, 22.4213, 35.4280

Sweetspot

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



26.8672, 22.4223, 26.9570



61.2578, 60.7734, 68.2586



24.7273, 21.0326, 39.8023



13.1555, 12.9269, 14.5870



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.



26.8672, 22.4223, 26.9570



45.5617, 35.6888, 43.5810



25.6811, 22.4383, 19.1985



7.6612, 7.5943, 8.5332



13.1252, 6.6588, 5.4706



0.3452, 0.1724, 0.2693

Inverse Universe

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



26.8672, 22.4223, 26.9570



45.5617, 35.6888, 43.5810



27.6572, 33.5092, 42.0561



7.6612, 7.5943, 8.5332



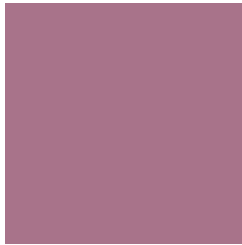
13.1252, 6.6588, 5.4706



0.3452, 0.1724, 0.2693

Previews

White Background



This preview shows how the XYZ color 26.8666, 22.4213, 26.9565 looks on a white background.

Color Contrast Check

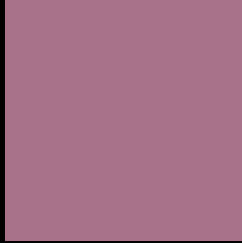
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8666, 22.4213, 26.9565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

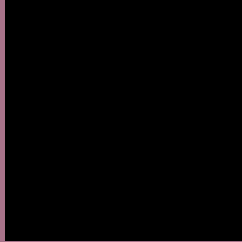
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8666, 22.4213, 26.9565

Background



This preview shows how black text looks on a background with the XYZ color 26.8666, 22.4213, 26.9565.



This preview shows how white text looks on a background with the XYZ color 26.8666, 22.4213,

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

26.8666, 22.4213, 26.9565

Protanopia

22.1512, 22.6610, 30.8103

Deuteranopia

23.0178, 22.6190, 26.4453



Tritanopia

26.0635, 22.4444, 22.6972

Trichromacy



Original Color

26.8666, 22.4213, 26.9565

Protanomaly

23.6953, 22.5205, 29.4836

Deuteranomaly

24.3608, 22.5514, 26.7358

Tritanomaly

26.2110, 22.3180, 24.0454

Monochromacy



Original Color

26.8666, 22.4213, 26.9565

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.6881, 22.7820, 26.0705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8666, 22.4213, 26.9565 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(168, 115, 138)` looks like.

```
.text, #text, p{  
    color:rgb(168, 115, 138)  
}
```

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(168, 115, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 115, 138) }
```

Border

The CSS property to change the border of an element to XYZ 26.8666, 22.4213, 26.9565 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(168, 115, 138) }
```


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

```
.border{ border-color:rgb(168, 115, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 115, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 115, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 115, 138);  
box-shadow:4px 4px 4px 4px rgb(168, 115,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8666, 22.4213, 26.9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 115, 138) }
```

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

```
.background{ background-color: rgb(168,  
115, 138) }
```

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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