

Converting Colors

XYZ(25.5239, 20.8835, 27.6697)

Have a look what the booklet for
XYZ(25.5239, 20.8835, 27.6697)
contains.

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Color

**XYZ(25.4138, 20.8318,
27.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	A36E8C
RGB	163, 110, 140
RGB Percent	64%, 43%, 55%
CMY	0.3608, 0.5686, 0.4510
CMYK	0.00, 0.33, 0.14, 0.36
HSL	326°, 22%, 54%
HSV	326°, 33%, 64%
XYZ	25.4138, 20.8318, 27.4924
YIQ	129.2670, 21.9580, 20.5660

Conversions

Conversions Part 2

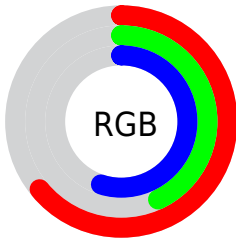
Format	Color
R_{YB}	163, 110, 140
Decimal	10710668
CIE _{Lab}	52.76, 25.72, -7.85
CIE _{LCh}	53, 26.888, 343.026
Yxy	20.8318, 0.3446, 0.2825
Android (android.graphics.Color)	4288900748 (0xFFA36E8C)
YUV	129.2670, 5.2914, 29.5838
Hunter-Lab	45.6419, 19.5171, -3.7641

Details

The XYZ color **25.4138, 20.8318, 27.4924** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.7621, 31.2034, 26.9622**, and the grayscale version is **20.9369, 22.0273, 23.9877**.

A 20% lighter version of the original color is **51.8714, 44.7958, 56.9515**, and **9.9446, 7.3907, 10.5753** is the 20% darker color. If you saturate the color by 10%, you get **23.3094, 17.4308, 24.2997**, and if you desaturate by 10%, it is **27.8765, 24.8951, 30.9705**.

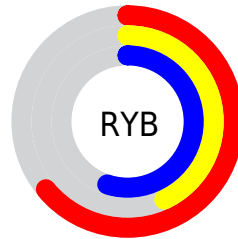
Distribution



Red (64%)

Green (43%)

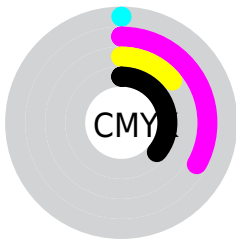
Blue (55%)



Red (64%)

Yellow (43%)

Blue (55%)

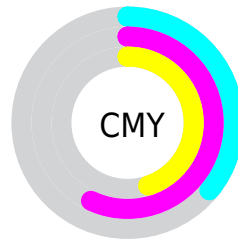


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (36%)



Cyan (36%)


Magenta (57%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4138, 20.8318, 27.4924 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 25.4138, 20.8318, 27.4924 by changing the saturation by 10% instead.


 25.4138, 20.8318,
27.4924

 25.4138, 20.8318,
27.4924

272.2023,
256.3833, 303.8687


 16.5160, 13.0011,
17.7077


 51.7658, 44.8074,
56.6863


 9.9832, 7.4293,
10.5731


 69.9507, 61.7212,
76.9326

 5.4500, 3.7320,
5.6700

 91.9620, 82.4314,
101.5031

 2.5511, 1.5248,
2.5799

 118.1651,
107.3224, 130.8165

 0.9211, 0.3061,
0.8821

148.9253,
136.7788, 165.2911

 0.0000, 0.0000,
0.0000

184.6080,

171.1847, 205.3457

225.5785,
210.9248, 251.3987

■ 25.4138, 20.8318,
27.4924

■ 25.4138, 20.8318,
27.4924

■ 23.3094, 17.4308,
24.2997

■ 27.8765, 24.8951,
30.9705

■ 21.5430, 14.6536,
21.3818

■ 30.7126, 29.6509,
34.7413

■ 20.0952, 12.4618,
18.7293

■ 33.9387, 35.1310,
38.8135


■ 18.9435, 10.8117,
16.3315

■ 37.5697, 41.3643,
43.1949


■ 18.0625, 9.6535,
14.1765


■ 41.6197, 48.3782,
47.8930


 17.4221, 8.9280,
12.2508

 46.1021, 56.1988,
52.9150

 17.0476, 8.5639,
10.9394

 51.0299, 64.8507,
58.2679

 56.4151, 74.3577,
63.9582

 61.7236, 83.6503,
69.8105

Harmonies

Analogous

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



23.7090, 20.8318, 35.9376



25.4138, 20.8318, 27.4924



25.5274, 20.8318, 19.3788

Triad

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



25.4138, 20.8318, 27.4924



18.6102, 20.8318, 10.7246



16.1163, 20.8318, 34.9255

Complementary

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



25.4138, 20.8318, 27.4924



23.7621, 31.2034, 26.9622

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.



15.0005, 20.8318, 26.3414



25.4138, 20.8318, 27.4924



16.3462, 20.8318, 13.1677

Square

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



25.4138, 20.8318, 27.4924



21.4151, 20.8318, 10.8925



15.0805, 20.8318, 18.4687



18.2682, 20.8318, 40.8751

Rectangle

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



25.4138, 20.8318, 27.4924



24.6701, 20.8318, 15.2683



15.0805, 20.8318, 18.4687



15.6171, 20.8318, 32.1755

Sweetspot

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



25.4144, 20.8328, 27.4928



56.2850, 55.2688, 63.8674



21.8553, 18.7811, 37.1239



12.4749, 12.1314, 14.1306



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.4144, 20.8328, 27.4928



42.7342, 32.8014, 45.0636



23.6917, 20.1437, 18.4212



7.2338, 7.1500, 8.2176



13.2721, 6.6649, 8.6235



0.3020, 0.1493, 0.3030

Inverse Universe

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



25.4144, 20.8328, 27.4928



42.7342, 32.8014, 45.0636



25.8269, 32.0293, 37.8351



7.2338, 7.1500, 8.2176



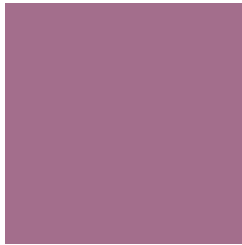
13.2721, 6.6649, 8.6235



0.3020, 0.1493, 0.3030

Previews

White Background



This preview shows how the XYZ color 25.4138, 20.8318, 27.4924 looks on a white background.

Color Contrast Check

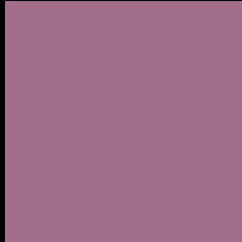
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4138, 20.8318, 27.4924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

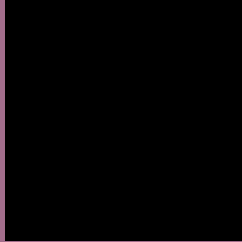
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4138, 20.8318, 27.4924

Background



This preview shows how black text looks on a background with the XYZ color 25.4138, 20.8318, 27.4924.



This preview shows how white text looks on a background with the XYZ color 25.4138, 20.8318,

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

25.4138, 20.8318, 27.4924

Protanopia

20.7238, 20.9342, 31.8026

Deuteranopia

21.3433, 20.9874, 26.9708



Tritanopia

24.1159, 20.7925, 21.1547

Trichromacy



Original Color

25.4138, 20.8318, 27.4924

Protanomaly

22.0581, 20.7425, 30.0352

Deuteranomaly

22.6402, 20.7502, 27.2380

Tritanomaly

24.6569, 20.8547, 23.4947

Monochromacy



Original Color

25.4138, 20.8318, 27.4924

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.1777, 21.2752, 25.1279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4138, 20.8318, 27.4924 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(163, 110, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 110, 140)  
}
```

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(163, 110, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 110, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.4138, 20.8318, 27.4924 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(163, 110, 140) }
```


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

```
.border{ border-color:rgb(163, 110, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 110, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 110, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 110, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 110,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4138, 20.8318, 27.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 110, 140) }
```

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

```
.background{ background-color: rgb(163,  
110, 140) }
```

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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