

Converting Colors

XYZ(25.6815, 21.8434, 37.9402)

Have a look what the booklet for
XYZ(25.6815, 21.8434, 37.9402)
contains.

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Color

**XYZ(25.8246, 21.9822,
38.0038)**

Conversions

Conversions Part 1

Format	Color
Hex	9775A4
RGB	151, 117, 164
RGB Percent	59%, 46%, 64%
CMY	0.4078, 0.5412, 0.3569
CMYK	0.08, 0.29, 0.00, 0.36
HSL	283°, 21%, 55%
HSV	283°, 29%, 64%
XYZ	25.8246, 21.9822, 38.0038
YIQ	132.5240, 5.1770, 21.8250

Conversions

Conversions Part 2

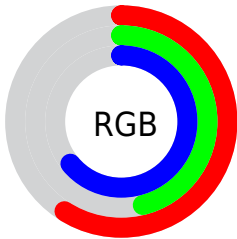
Format	Color
R _Y B	151, 117, 164
Decimal	9926052
CIE _{Lab}	54.01, 22.08, -20.11
CIE _{LCh}	54, 29.870, 317.675
Yxy	21.9822, 0.3009, 0.2562
Android (android.graphics.Color)	4288116132 (0xFF9775A4)
YUV	132.5240, 15.5177, 16.2035
Hunter-Lab	46.8852, 16.2697, -15.2392

Details

The XYZ color **25.8246, 21.9822, 38.0038** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.6930, 32.5816, 21.7654**, and the grayscale version is **22.0663, 23.2155, 25.2817**.

A 20% lighter version of the original color is **52.4277, 46.6122, 73.2516**, and **10.1373, 7.9567, 16.3307** is the 20% darker color. If you saturate the color by 10%, you get **23.2531, 18.0646, 37.3835**, and if you desaturate by 10%, it is **28.7647, 26.5879, 38.7382**.

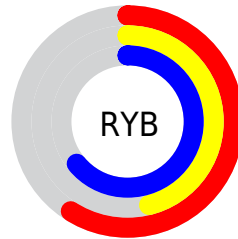
Distribution



Red (59%)

Green (46%)

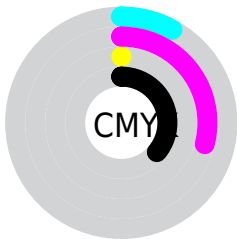
Blue (64%)



Red (59%)

Yellow (46%)

Blue (64%)

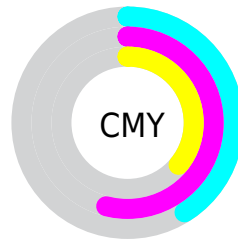


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8246, 21.9822, 38.0038 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 25.8246, 21.9822, 38.0038 by changing the saturation by 10% instead.

■ 25.8246, 21.9822,
38.0038

■ 25.8246, 21.9822,
38.0038

274.1925,
262.4533, 352.9349

■ 16.8245, 13.8438,
25.6838

■ 52.4252, 46.7166,
73.3175

■ 10.2039, 8.0121,
16.3636

■ 70.7563, 64.0814,
97.1482

■ 5.5977, 4.1027,
9.6247

■ 92.9285, 85.2904,
125.6529

■ 2.6403, 1.7312,
5.0485

119.3071,
110.7281, 159.2501

■ 0.9666, 0.4437,
2.2165

150.2574,
140.7788, 198.3584

■ 0.0000, 0.0000,
0.6839

186.1449,

■ 0.0000, 0.0000,

175.8270, 243.3962

0.0000

227.3348,
216.2571, 294.7822

■ 25.8246, 21.9822,
38.0038

■ 25.8246, 21.9822,
38.0038

■ 23.2531, 18.0646,
37.3835

■ 28.7647, 26.5879,
38.7382

■ 21.0301, 14.7971,
36.8700

■ 32.0878, 31.9115,
39.5906

■ 19.1371, 12.1424,
36.4573

■ 35.8102, 37.9844,
40.5666

■ 17.5526, 10.0583,
36.1386

■ 39.9463, 44.8352,
41.6709

■ 16.2523, 8.4967,
35.9057

■ 44.5100, 52.4911,
42.9081

■ 15.2081, 7.4018,
35.7494

■ 49.5145, 60.9779,
44.2825

■ 14.3666, 6.6677,
35.6520

■ 54.9724, 70.3204,
45.7981

■ 14.2591, 6.5768,
35.6402

■ 60.8958, 80.5421,
47.4589

■ 64.1554, 85.3843,
48.2217

Harmonies

Analogous

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



22.8345, 21.9822, 45.1710



25.8246, 21.9822, 38.0038



27.5600, 21.9822, 27.9316

Triad

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



25.8246, 21.9822, 38.0038



22.2459, 21.9822, 10.4338



15.5218, 21.9822, 29.7456

Complementary

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



25.8246, 21.9822, 38.0038



25.6930, 32.5816, 21.7654

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.



15.3992, 21.9822, 20.3389



25.8246, 21.9822, 38.0038



19.0656, 21.9822, 10.6826

Square

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



25.8246, 21.9822, 38.0038



25.3557, 21.9822, 13.0544



16.6337, 21.9822, 13.8532



16.9880, 21.9822, 39.6228

Rectangle

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



25.8246, 21.9822, 38.0038



27.6653, 21.9822, 21.6392



16.6337, 21.9822, 13.8532



15.3280, 21.9822, 26.3875

Sweetspot

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



25.8253, 21.9831, 38.0043



57.9179, 57.3966, 71.7784



22.0626, 22.5128, 38.3048



12.4706, 12.2392, 15.6427



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.



25.8253, 21.9831, 38.0043



44.0055, 35.5017, 68.2855



27.4892, 22.9430, 33.4720



7.1724, 7.1032, 8.8961



10.9808, 5.0673, 27.3291



0.2727, 0.1281, 0.5762

Inverse Universe

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



25.7011, 22.2277, 24.0558



43.8484, 36.0774, 38.6099



24.4550, 31.8704, 25.0050



7.1505, 7.1167, 7.7792



12.1253, 6.2062, 2.5845



0.2737, 0.1380, 0.1540

Previews

White Background



This preview shows how the XYZ color 25.8246, 21.9822, 38.0038 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 25.8246, 21.9822, 38.0038 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 25.8246, 21.9822, 38.0038

Background



This preview shows how black text looks on a background with the XYZ color 25.8246, 21.9822, 38.0038.



This preview shows how white text looks on a background with the XYZ color 25.8246, 21.9822,

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

25.8246, 21.9822, 38.0038

Protanopia

22.5017, 22.1988, 42.1286

Deuteranopia

22.5684, 22.1474, 37.2678



Tritanopia

23.1707, 21.9704, 25.2098

Trichromacy



Original Color

25.8246, 21.9822, 38.0038

Protanomaly

23.4223, 21.9470, 40.5378

Deuteranomaly

23.5253, 21.8786, 37.6334

Tritanomaly

24.0842, 21.9843, 29.3596

Monochromacy



Original Color

25.8246, 21.9822, 38.0038

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4386, 22.7678, 29.5448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8246, 21.9822, 38.0038 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(151, 117, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 117, 164)  
}
```

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(151, 117, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 117, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.8246, 21.9822, 38.0038 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(151, 117, 164) }
```


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

```
.border{ border-color:rgb(151, 117, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 117, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 117, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 117, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 117,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8246, 21.9822, 38.0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 117, 164) }
```

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

```
.background{ background-color: rgb(151,  
117, 164) }
```

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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