

Converting Colors

XYZ(25.7364, 21.8367, 25.5116)

Have a look what the booklet for
XYZ(25.7364, 21.8367, 25.5116)
contains.

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Color

**XYZ(25.7437, 21.8752,
25.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	A47386
RGB	164, 115, 134
RGB Percent	64%, 45%, 53%
CMY	0.3569, 0.5490, 0.4745
CMYK	0.00, 0.30, 0.18, 0.36
HSL	337°, 21%, 55%
HSV	337°, 30%, 64%
XYZ	25.7437, 21.8752, 25.4198
YIQ	131.8170, 23.1050, 16.2970

Conversions

Conversions Part 2

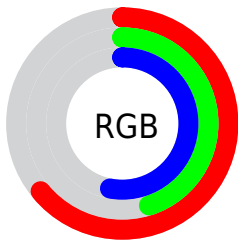
Format	Color
R_{YB}	164, 115, 134
Decimal	10777478
CIE _{Lab}	53.89, 22.24, -2.64
CIE _{LCh}	54, 22.393, 353.223
Yxy	21.8752, 0.3525, 0.2995
Android (android.graphics.Color)	4288967558 (0xFFA47386)
YUV	131.8170, 1.0762, 28.2245
Hunter-Lab	46.7709, 16.4010, 0.5158

Details

The XYZ color **25.7437, 21.8752, 25.4198** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.4575, 32.2408, 31.6709**, and the grayscale version is **21.8572, 22.9954, 25.0420**.

A 20% lighter version of the original color is **52.3036, 46.4409, 53.2210**, and **10.1040, 7.9160, 9.3829** is the 20% darker color. If you saturate the color by 10%, you get **23.3699, 18.1956, 21.3357**, and if you desaturate by 10%, it is **28.5180, 26.2488, 29.9660**.

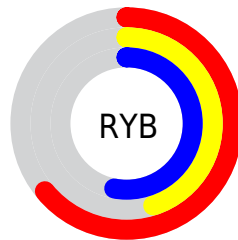
Distribution



Red (64%)

Green (45%)

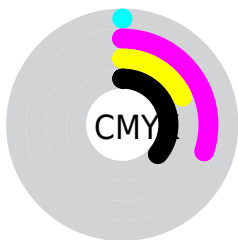
Blue (53%)



Red (64%)

Yellow (45%)

Blue (53%)

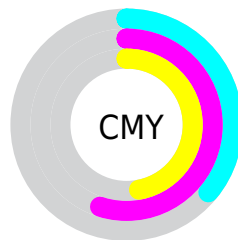


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (36%)



Cyan (36%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7437, 21.8752, 25.4198 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 25.7437, 21.8752, 25.4198 by changing the saturation by 10% instead.


 25.7437, 21.8752,
25.4198


 25.7437, 21.8752,
25.4198

273.8015,
261.8938, 293.4365


 16.7637, 13.7652,
16.1682


 52.2954, 46.5396,
53.3100

 10.1604, 7.9576,
9.4876


 70.5979, 63.8629,
72.7857

 5.5685, 4.0678,
4.9595

 92.7384, 85.0260,
96.5065

 2.6227, 1.7116,
2.1652

 119.0826,
110.4135, 124.8910

 0.9575, 0.4311,
0.6542

149.9956,
140.4096, 158.3577

 0.0000, 0.0000,
0.0000

185.8428,

175.3987, 197.3252

226.9897,
215.7654, 242.2119

■ 25.7437, 21.8752,
25.4198

■ 25.7437, 21.8752,
25.4198

■ 23.3699, 18.1956,
21.3357

■ 28.5180, 26.2488,
29.9660

■ 21.3753, 15.1710,
17.6968

■ 31.7089, 31.3469,
34.9878

■ 19.7392, 12.7631,
14.4870

■ 35.3342, 37.2015,
40.4996

■ 18.4383, 10.9283,
11.6885

■ 39.4098, 43.8421,
46.5149

■ 17.4461, 9.6174,
9.2820

■ 43.9508, 51.2965,
53.0467

■ 16.7321, 8.7724,
7.2462

■ 48.9718, 59.5911,
60.1072

■ 16.2294, 8.2639,
5.5471

■ 54.4865, 68.7511,
67.7085

■ 16.2237, 8.2581,
5.5279

■ 60.5081, 78.8007,
75.8622

■ 64.5754, 84.8147,
83.7547

Harmonies

Analogous

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



24.7307, 21.8752, 32.6849



25.7437, 21.8752, 25.4198



25.3499, 21.8752, 18.9570

Triad

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



25.7437, 21.8752, 25.4198



19.0167, 21.8752, 13.5815



18.1377, 21.8752, 36.1149

Complementary

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



25.7437, 21.8752, 25.4198



25.4575, 32.2408, 31.6709

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.



16.8155, 21.8752, 29.4470



25.7437, 21.8752, 25.4198



17.2949, 21.8752, 16.7206

Square

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



25.7437, 21.8752, 25.4198



21.3436, 21.8752, 12.9167



16.5193, 21.8752, 22.2857



20.2494, 21.8752, 39.5859

Rectangle

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



25.7437, 21.8752, 25.4198



24.3564, 21.8752, 15.8333



16.5193, 21.8752, 22.2857



17.5930, 21.8752, 34.1178

Sweetspot

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



25.7443, 21.8762, 25.4202



57.9953, 57.6046, 64.1857



24.4040, 20.9083, 37.8718



12.4912, 12.2919, 13.7421



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.



25.7443, 21.8762, 25.4202



43.7219, 35.0321, 41.0098



25.1096, 22.5403, 19.2481



7.1821, 7.1293, 7.9456



12.4614, 6.3406, 4.3541



0.2846, 0.1423, 0.2112

Inverse Universe

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



25.7443, 21.8762, 25.4202



43.7219, 35.0321, 41.0098



26.1872, 31.1565, 39.7559



7.1821, 7.1293, 7.9456



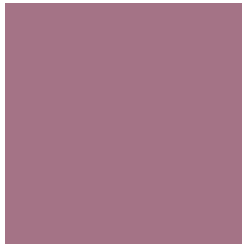
12.4614, 6.3406, 4.3541



0.2846, 0.1423, 0.2112

Previews

White Background



This preview shows how the XYZ color 25.7437, 21.8752, 25.4198 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 25.7437, 21.8752, 25.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

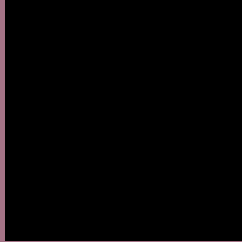
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7437, 21.8752, 25.4198

Background



This preview shows how black text looks on a background with the XYZ color 25.7437, 21.8752, 25.4198.



This preview shows how white text looks on a background with the XYZ color 25.7437, 21.8752,

25.4198.

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

25.7437, 21.8752, 25.4198

Protanopia

21.5037, 21.9805, 28.7005

Deuteranopia

22.3137, 21.9086, 24.8825



Tritanopia

25.0513, 21.7580, 22.2814

Trichromacy



Original Color

25.7437, 21.8752, 25.4198

Protanomaly

22.7277, 21.6927, 27.4153

Deuteranomaly

23.4654, 21.7578, 25.1532

Tritanomaly

25.2459, 21.8358, 23.3062

Monochromacy



Original Color

25.7437, 21.8752, 25.4198

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1961, 22.5445, 25.3193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7437, 21.8752, 25.4198 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(164, 115, 134)` looks like.

```
.text, #text, p{  
    color:rgb(164, 115, 134)  
}
```

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(164, 115, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 115, 134) }
```

Border

The CSS property to change the border of an element to XYZ 25.7437, 21.8752, 25.4198 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(164, 115, 134) }
```


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

```
.border{ border-color:rgb(164, 115, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 115, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 115, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 115, 134);  
box-shadow:4px 4px 4px 4px rgb(164, 115,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7437, 21.8752, 25.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 115, 134) }
```

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

```
.background{ background-color: rgb(164,  
115, 134) }
```

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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