

Converting Colors

XYZ(25.1398, 21.5738, 17.3071)

Have a look what the booklet for
XYZ(25.1398, 21.5738, 17.3071)
contains.

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Color

**XYZ(25.1398, 21.5738,
17.3071)**

Conversions

Conversions Part 1

Format	Color
Hex	A9726D
RGB	169, 114, 109
RGB Percent	66%, 45%, 43%
CMY	0.3373, 0.5529, 0.5725
CMYK	0.00, 0.33, 0.36, 0.34
HSL	5°, 26%, 55%
HSV	5°, 36%, 66%
XYZ	25.1398, 21.5738, 17.3071
YIQ	129.8750, 34.3850, 10.1050

Conversions

Conversions Part 2

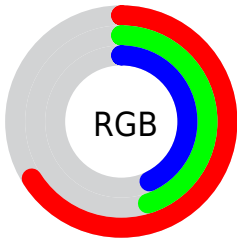
Format	Color
R _Y B	169, 114, 109
Decimal	11104877
CIE Lab	53.57, 21.08, 11.61
CIE LCh	54, 24.064, 28.853
Yxy	21.5738, 0.3927, 0.3370
Android (android.graphics.Color)	4289294957 (0xFFA9726D)
YUV	129.8750, -10.2914, 34.3126
Hunter-Lab	46.4476, 15.3299, 10.4209

Details

The XYZ color **25.1398, 21.5738, 17.3071** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7429, 32.6653, 42.4316**, and the grayscale version is **21.2011, 22.3053, 24.2904**.

A 20% lighter version of the original color is **51.3454, 45.9793, 39.4264**, and **9.8300, 7.7732, 5.5397** is the 20% darker color. If you saturate the color by 10%, you get **22.7143, 18.0414, 12.4335**, and if you desaturate by 10%, it is **28.0373, 25.7701, 23.2015**.

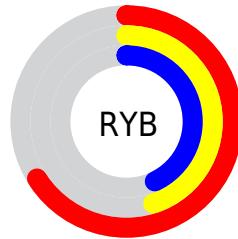
Distribution



Red (66%)

Green (45%)

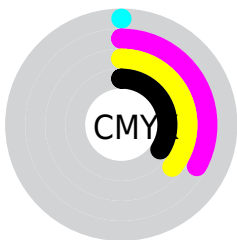
Blue (43%)



Red (66%)

Yellow (45%)

Blue (43%)

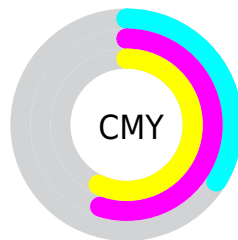


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (34%)



Cyan (34%)


Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1398, 21.5738, 17.3071 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 25.1398, 21.5738, 17.3071 by changing the saturation by 10% instead.


 25.1398, 21.5738,
17.3071


 25.1398, 21.5738,
17.3071


270.8683,
260.3124, 249.0395

 16.3105, 13.5441,
10.2894


 51.3252, 46.0406,
39.6509


 9.8364, 7.8043,
5.4832


 69.4120, 63.2464,
55.8141

 5.3521, 3.9699,
2.4698


 91.3154, 84.2797,
75.8629

 2.4921, 1.6568,
0.8241

 117.4007,
109.5249, 100.2158

 0.8913, 0.3954,
0.0000

148.0333,
139.3664, 129.2914

 0.0000, 0.0000,
0.0000

183.5785,

174.1885, 163.5082

224.4017,
214.3757, 203.2847

■ 25.1398, 21.5738,
17.3071

■ 25.1398, 21.5738,
17.3071

■ 22.7143, 18.0414,
12.4335

■ 28.0373, 25.7701,
23.2015

■ 20.7341, 15.1359,
8.5214

■ 31.4282, 30.6586,
30.1688

■ 19.1726, 12.8216,
5.5075


■ 35.3347, 36.2697,
38.2590


■ 17.9993, 11.0577,
3.3204


■ 39.7770, 42.6311,
47.5188


■ 17.1800, 9.7985,
1.8775


■ 44.7745, 49.7690,
57.9919


 16.6731, 8.9903,
1.0748

 50.3452, 57.7085,
69.7202

 16.5205, 8.7516,
0.8185

 56.5067, 66.4734,
82.7432

 63.2756, 76.0865,
97.0990

 69.6700, 86.1707,
107.5683

Harmonies

Analogous

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



25.8472, 21.5738, 23.7743



25.1398, 21.5738, 17.3071



23.1659, 21.5738, 13.3493

Triad

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



25.1398, 21.5738, 17.3071



16.5640, 21.5738, 16.9104



20.4066, 21.5738, 40.6493

Complementary

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



25.1398, 21.5738, 17.3071



26.7429, 32.6653, 42.4316

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.



18.0565, 21.5738, 37.7859



25.1398, 21.5738, 17.3071



15.9552, 21.5738, 23.2084

Square

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



25.1398, 21.5738, 17.3071



18.2142, 21.5738, 13.1561



16.4785, 21.5738, 30.9942



22.9808, 21.5738, 38.1757

Rectangle

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



25.1398, 21.5738, 17.3071



21.4744, 21.5738, 12.1706



16.4785, 21.5738, 30.9942



19.5657, 21.5738, 40.2702

Sweetspot

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



25.1404, 21.5748, 17.3075



59.1833, 59.0731, 60.0177



28.5317, 22.0528, 37.8748



12.7069, 12.5988, 12.6831



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.



25.1404, 21.5748, 17.3075



41.3746, 33.3256, 23.6542



29.0958, 29.4857, 18.6260



7.5795, 7.6392, 7.8643



12.3302, 6.5577, 0.6159



0.3152, 0.1899, 0.0200

Inverse Universe

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



26.7429, 32.6653, 42.4316



44.6859, 56.2955, 75.7360



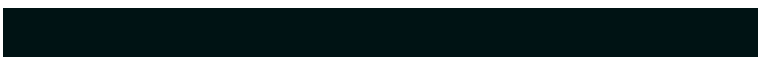
21.9933, 23.1661, 40.8484



7.6933, 8.4234, 9.6387



14.0804, 19.6210, 31.0206



0.3577, 0.5076, 0.7598

Previews

White Background



This preview shows how the XYZ color 25.1398, 21.5738, 17.3071 looks on a white background.

Color Contrast Check

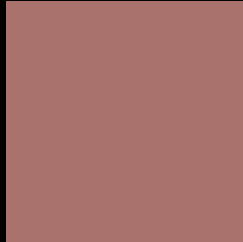
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1398, 21.5738, 17.3071 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 25.1398, 21.5738, 17.3071

Background



This preview shows how black text looks on a background with the XYZ color 25.1398, 21.5738, 17.3071.



This preview shows how white text looks on a background with the XYZ color 25.1398, 21.5738,

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

25.1398, 21.5738, 17.3071

Protanopia

20.7031, 21.7676, 19.6334

Deuteranopia

21.9495, 21.5234, 16.9075



Tritanopia

25.8229, 21.5149, 20.8809

Trichromacy



Original Color

25.1398, 21.5738, 17.3071

Protanomaly

22.0962, 21.5612, 18.6199

Deuteranomaly

23.1335, 21.5836, 17.1341

Tritanomaly

25.6936, 21.6407, 19.6525

Monochromacy



Original Color

25.1398, 21.5738, 17.3071

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2221, 21.7497, 21.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1398, 21.5738, 17.3071 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, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(169, 114, 109)  
}
```

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, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 114, 109) }
```

Border

The CSS property to change the border of an element to XYZ 25.1398, 21.5738, 17.3071 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, 114, 109) }
```


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

```
.border{ border-color:rgb(169, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(169, 114,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1398, 21.5738, 17.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 114, 109) }
```

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

```
.background{ background-color: rgb(169,  
114, 109) }
```

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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