

Converting Colors

XYZ(25.2485, 28.9181, 22.1300)

Have a look what the booklet for
XYZ(25.2485, 28.9181, 22.1300)
contains.

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Color

**XYZ(25.1117, 28.7442,
21.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9678
RGB	140, 150, 120
RGB Percent	55%, 59%, 47%
CMY	0.4510, 0.4118, 0.5294
CMYK	0.07, 0.00, 0.20, 0.41
HSL	80°, 13%, 53%
HSV	80°, 20%, 59%
XYZ	25.1117, 28.7442, 21.9940
YIQ	143.5900, 3.6700, -11.4500

Conversions

Conversions Part 2

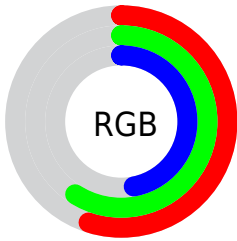
Format	Color
RYB	120, 150, 130
Decimal	9213560
CIELab	60.56, -9.14, 14.64
CIELCh	61, 17.263, 121.982
Yxy	28.7442, 0.3311, 0.3790
Android (android.graphics.Color)	4287403640 (0xFF8C9678)
YUV	143.5900, -11.6299, -3.1484
Hunter-Lab	53.6136, -10.2175, 13.2069

Details

The XYZ color **25.1117, 28.7442, 21.9940** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.4286, 20.3816, 31.6604**, and the grayscale version is **26.3893, 27.7636, 30.2345**.

A 20% lighter version of the original color is **51.2874, 57.6336, 47.4510**, and **9.8156, 11.5523, 7.6737** is the 20% darker color. If you saturate the color by 10%, you get **23.4483, 27.9846, 17.5306**, and if you desaturate by 10%, it is **26.9576, 29.5831, 27.2116**.

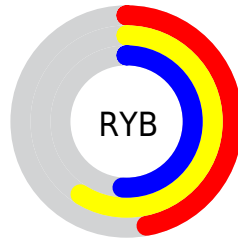
Distribution



Red (55%)

Green (59%)

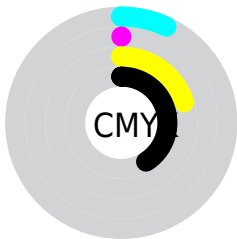
Blue (47%)



Red (47%)

Yellow (59%)

Blue (51%)

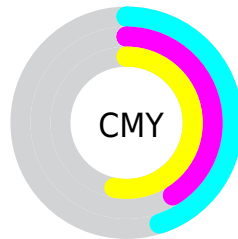


Cyan (7%)

Magenta (0%)

Yellow (20%)

Black (41%)



Cyan (45%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1117, 28.7442, 21.9940 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 25.1117, 28.7442, 21.9940 by changing the saturation by 10% instead.

■ 25.1117, 28.7442,
21.9940

■ 25.1117, 28.7442,
21.9940

270.7311,
296.0061, 275.4674

■ 16.2895, 18.8874,
13.6542

■ 51.2800, 57.6704,
47.6381

■ 9.8214, 11.5889,
7.7446

■ 69.3567, 77.5086,
65.7796

■ 5.3420, 6.4644,
3.8465

■ 91.2490, 101.4428,
88.0253

■ 2.4861, 3.1295,
1.5415

117.3222,
129.8572, 114.7939

■ 0.8883, 1.1997,
0.2486

147.9417,
163.1364, 146.5039

■ 0.0000, 0.0615,
0.0000

183.4727,

■ 0.0000, 0.0000,

201.6647, 183.5737

0.0000

224.2808,
245.8264, 226.4221

■ 25.1117, 28.7442,
21.9940

■ 25.1117, 28.7442,
21.9940

■ 23.4483, 27.9846,
17.5306

■ 26.9576, 29.5831,
27.2116

■ 21.9579, 27.2977,
13.7847

■ 28.9904, 30.5003,
33.2143

■ 20.6338, 26.6816,
10.7192

■ 31.2172, 31.4996,
40.0332

■ 19.4675, 26.1328,
8.2930

■ 33.6439, 32.5835,
47.6976

■ 18.4499, 25.6477,
6.4607

■ 36.2763, 33.7543,
56.2350

■ 17.5706, 25.2221,
5.1705

■ 39.1198, 35.0143,
65.6718

■ 16.8177, 24.8510,
4.3622

■ 42.1797, 36.3655,
76.0332

■ 16.1613, 24.5226,
3.8815

■ 45.4610, 37.8102,
87.3436

■ 48.9678, 39.3498,
99.6221

Harmonies

Analogous

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



27.1724, 28.7442, 20.5588



25.1117, 28.7442, 21.9940



23.7072, 28.7442, 25.8760

Triad

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



25.1117, 28.7442, 21.9940



25.3553, 28.7442, 43.4387



31.8339, 28.7442, 30.8747

Complementary

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



25.1117, 28.7442, 21.9940



21.4286, 20.3816, 31.6604

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.



31.2835, 28.7442, 37.4279



25.1117, 28.7442, 21.9940



27.4691, 28.7442, 45.2448

Square

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



25.1117, 28.7442, 21.9940



23.8424, 28.7442, 38.2630



29.6552, 28.7442, 42.9123



31.1214, 28.7442, 25.2333

Rectangle

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



25.1117, 28.7442, 21.9940



23.2906, 28.7442, 29.6157



29.6552, 28.7442, 42.9123



31.7903, 28.7442, 33.0419

Sweetspot

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



25.1125, 28.7455, 21.9946



48.9246, 52.8164, 51.9652



23.9515, 23.8063, 21.1025



10.7977, 11.6847, 11.3853



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.1125, 28.7455, 21.9946



42.9635, 50.1098, 35.1301



22.7549, 27.5301, 21.8843



6.0795, 6.6488, 6.2034



13.4379, 20.3554, 3.2207



0.1958, 0.2653, 0.0409

Inverse Universe

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



21.4286, 20.3816, 31.6604



35.2563, 32.6082, 55.3571



23.8996, 21.6555, 31.7760



5.6709, 5.7213, 7.2752



5.6885, 2.4051, 24.0954



0.0985, 0.0443, 0.2963

Previews

White Background



This preview shows how the XYZ color 25.1117, 28.7442, 21.9940 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 25.1117, 28.7442, 21.9940 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

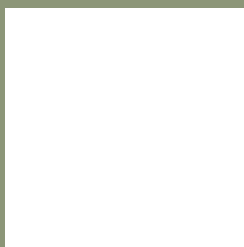
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1117, 28.7442, 21.9940

Background



This preview shows how black text looks on a background with the XYZ color 25.1117, 28.7442, 21.9940.



This preview shows how white text looks on a background with the XYZ color 25.1117, 28.7442,

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

25.1117, 28.7442, 21.9940

Protanopia

27.0665, 28.8343, 21.2786

Deuteranopia

29.0394, 28.4861, 22.3802



Tritanopia

27.8032, 28.6708, 35.5211

Trichromacy



Original Color

25.1117, 28.7442, 21.9940

Protanomaly

26.3412, 28.6834, 21.6009

Deuteranomaly

27.5250, 28.5961, 22.1580

Tritanomaly

26.7193, 28.6902, 30.1161

Monochromacy



Original Color

25.1117, 28.7442, 21.9940

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9798, 28.1467, 26.9852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1117, 28.7442, 21.9940 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(140, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(140, 150, 120)  
}
```

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(140, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 150, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.1117, 28.7442, 21.9940 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(140, 150, 120) }
```


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

```
.border{ border-color:rgb(140, 150, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 150, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(140, 150,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1117, 28.7442, 21.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 150, 120) }
```

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

```
.background{ background-color: rgb(140,  
150, 120) }
```

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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