

Converting Colors

XYZ(25.7357, 23.9780, 32.8603)

Have a look what the booklet for
XYZ(25.7357, 23.9780, 32.8603)
contains.

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Color

**XYZ(25.7811, 24.0949,
32.9977)**

Conversions

Conversions Part 1

Format	Color
Hex	958098
RGB	149, 128, 152
RGB Percent	58%, 50%, 60%
CMY	0.4157, 0.4980, 0.4039
CMYK	0.02, 0.16, 0.00, 0.40
HSL	293°, 10%, 55%
HSV	293°, 16%, 60%
XYZ	25.7811, 24.0949, 32.9977
YIQ	137.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

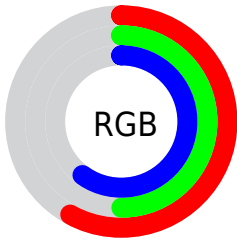
Format	Color
R_{YB}	149, 128, 152
Decimal	9797784
CIE _{Lab}	56.18, 12.53, -9.89
CIE _{LCh}	56, 15.960, 321.723
Yxy	24.0949, 0.3111, 0.2907
Android (android.graphics.Color)	4287987864 (0xFF958098)
YUV	137.0150, 7.3876, 10.5108
Hunter-Lab	49.0866, 7.8498, -5.4962

Details

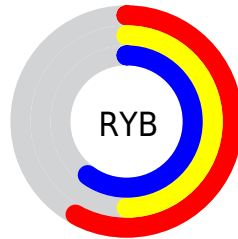
The XYZ color **25.7811, 24.0949, 32.9977** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4854, 28.8409, 24.6996**, and the grayscale version is **23.7558, 24.9930, 27.2173**.

A 20% lighter version of the original color is **52.2931, 50.2005, 65.3260**, and **10.1819, 9.1282, 13.5372** is the 20% darker color. If you saturate the color by 10%, you get **23.6016, 20.2459, 32.3700**, and if you desaturate by 10%, it is **28.2648, 28.5430, 33.7257**.

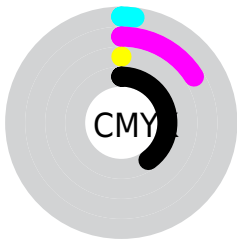
Distribution



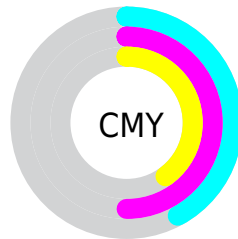
- Red (58%)
- Green (50%)
- Blue (60%)



- Red (58%)
- Yellow (50%)
- Blue (60%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7811, 24.0949, 32.9977 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 25.7811, 24.0949, 32.9977 by changing the saturation by 10% instead.

■ 25.7811, 24.0949,
32.9977

■ 25.7811, 24.0949,
32.9977

273.9823,
273.2999, 330.2711

■ 16.7918, 15.4040,
21.8536

■ 52.3554, 50.1850,
65.4879

■ 10.1805, 9.1034,
13.5521

■ 70.6711, 68.3531,
87.6711

■ 5.5820, 4.8087,
7.6746

■ 92.8263, 90.4489,
114.3710

■ 2.6308, 2.1355,
3.8027

119.1864,
116.8571, 146.0063

■ 0.9617, 0.6845,
1.5177

150.1167,
147.9618, 182.9953

■ 0.0000, 0.0000,
0.2311

185.9825,

■ 0.0000, 0.0000,

184.1476, 225.7568

0.0000

227.1493,
225.7989, 274.7092

■ 25.7811, 24.0949,
32.9977

■ 25.7811, 24.0949,
32.9977

■ 23.6016, 20.2459,
32.3700

■ 28.2648, 28.5430,
33.7257

■ 21.7108, 16.9664,
31.8366

■ 31.0627, 33.6116,
34.5566

■ 20.0953, 14.2292,
31.3935

■ 34.1874, 39.3252,
35.4948

■ 18.7397, 12.0035,
31.0353

■ 37.6499, 45.7059,
36.5438

■ 17.6271, 10.2555,
30.7566

■ 41.4606, 52.7746,
37.7074

■ 16.7384, 8.9473,
30.5509

■ 45.6298, 60.5515,
38.9888

■ 16.0519, 8.0351,
30.4110

■ 50.1670, 69.0559,
40.3911

■ 15.5370, 7.4581,
30.3267

■ 55.0816, 78.3063,
41.9176

■ 15.3406, 7.2537,
30.2976

■ 57.1746, 81.9049,
42.5019

Harmonies

Analogous

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



24.2308, 24.0949, 36.7734



25.7811, 24.0949, 32.9977



26.5692, 24.0949, 27.7153

Triad

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



25.7811, 24.0949, 32.9977



23.4126, 24.0949, 17.4609



19.7809, 24.0949, 30.1512

Complementary

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



25.7811, 24.0949, 32.9977



24.4854, 28.8409, 24.6996

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.



19.5879, 24.0949, 24.8088



25.7811, 24.0949, 32.9977



21.6217, 24.0949, 17.9313

Square

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



25.7811, 24.0949, 32.9977



25.1548, 24.0949, 19.0825



20.2447, 24.0949, 20.4662



20.7869, 24.0949, 34.9834

Rectangle

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



25.7811, 24.0949, 32.9977



26.5286, 24.0949, 24.2374



20.2447, 24.0949, 20.4662



19.6211, 24.0949, 28.3399

Sweetspot

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



25.7818, 24.0959, 32.9982



50.2124, 50.9626, 59.6239



22.7138, 23.1437, 32.9761



11.3439, 11.4593, 13.5315



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.7818, 24.0959, 32.9982



44.0683, 39.9783, 57.8276



25.6419, 24.1040, 29.3679



6.3852, 6.2845, 7.8055



12.8803, 6.0911, 25.4045



0.2111, 0.1006, 0.3807

Inverse Universe

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



24.7656, 23.7535, 24.7534



41.9361, 39.2637, 40.3516



24.6322, 28.8467, 27.8624



6.2387, 6.2346, 6.6369



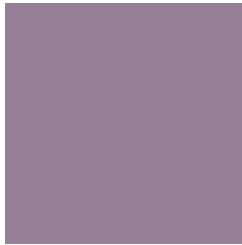
10.9628, 5.6393, 1.0630



0.1710, 0.0872, 0.0536

Previews

White Background



This preview shows how the XYZ color 25.7811, 24.0949, 32.9977 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 25.7811, 24.0949, 32.9977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

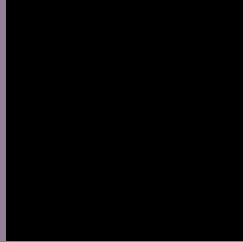
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7811, 24.0949, 32.9977

Background



This preview shows how black text looks on a background with the XYZ color 25.7811, 24.0949, 32.9977.



This preview shows how white text looks on a background with the XYZ color 25.7811, 24.0949,

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

25.7811, 24.0949, 32.9977

Protanopia

23.8859, 24.2758, 34.8793

Deuteranopia

24.5174, 24.0424, 32.6266



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

25.7811, 24.0949, 32.9977

Protanomaly

24.6489, 24.2724, 34.3962

Deuteranomaly

24.8962, 24.0393, 32.6060

Tritanomaly

25.0970, 24.0100, 29.6972

Monochromacy



Original Color

25.7811, 24.0949, 32.9977

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3921, 24.6659, 29.0666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7811, 24.0949, 32.9977 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(149, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(149, 128, 152)  
}
```

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(149, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 128, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.7811, 24.0949, 32.9977 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(149, 128, 152) }
```


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

```
.border{ border-color:rgb(149, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(149, 128,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7811, 24.0949, 32.9977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 128, 152) }
```

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

```
.background{ background-color: rgb(149,  
128, 152) }
```

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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