

Converting Colors

XYZ(25.3935, 25.9898, 29.6653)

Have a look what the booklet for
XYZ(25.3935, 25.9898, 29.6653)
contains.

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Color

**XYZ(25.3741, 25.9998,
29.6677)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8A8F
RGB	143, 138, 143
RGB Percent	56%, 54%, 56%
CMY	0.4392, 0.4588, 0.4392
CMYK	0.00, 0.03, 0.00, 0.44
HSL	300°, 2%, 55%
HSV	300°, 3%, 56%
XYZ	25.3741, 25.9998, 29.6677
YIQ	140.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

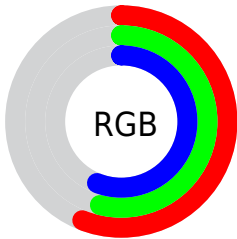
Format	Color
R _Y B	143, 138, 143
Decimal	9407119
CIE Lab	58.04, 2.82, -2.01
CIE LCh	58, 3.467, 324.569
Yxy	25.9998, 0.3131, 0.3208
Android (android.graphics.Color)	4287597199 (0xFF8F8A8F)
YUV	140.0650, 1.4470, 2.5740
Hunter-Lab	50.9900, -0.4057, 1.1961

Details

The XYZ color **25.3741, 25.9998, 29.6677** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8922, 26.8839, 27.9233**, and the grayscale version is **24.9473, 26.2465, 28.5825**.

A 20% lighter version of the original color is **51.7348, 53.1631, 60.3581**, and **9.9797, 10.0969, 11.7788** is the 20% darker color. If you saturate the color by 10%, you get **23.4564, 22.1640, 29.0288**, and if you desaturate by 10%, it is **27.5635, 30.3781, 30.3978**.

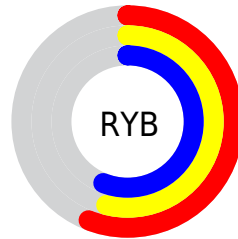
Distribution



Red (56%)

Green (54%)

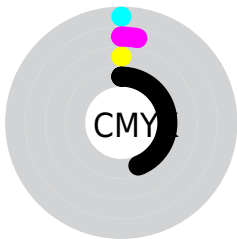
Blue (56%)



Red (56%)

Yellow (54%)

Blue (56%)

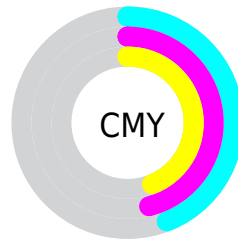


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3741, 25.9998, 29.6677 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 25.3741, 25.9998, 29.6677 by changing the saturation by 10% instead.

■ 25.3741, 25.9998,
29.6677

■ 25.3741, 25.9998,
29.6677

272.0093,
282.7811, 314.5114

■ 16.4862, 16.8235,
19.3366

■ 51.7020, 53.2746,
60.1910

■ 9.9619, 10.1087,
11.7345

■ 69.8727, 72.1419,
81.2204

■ 5.4358, 5.4711,
6.4428

■ 91.8684, 95.0084,
106.6528

■ 2.5425, 2.5262,
3.0430

118.0545,
122.2583, 136.9070

■ 0.9167, 0.8897,
1.1167

148.7963,
154.2761, 172.4014

■ 0.0000, 0.0000,
0.0000

184.4591,

191.4463, 213.5546

225.4083,
234.1531, 260.7851

■ 25.3741, 25.9998,
29.6677

■ 25.3741, 25.9998,
29.6677

■ 23.4564, 22.1640,
29.0288

■ 27.5635, 30.3781,
30.3978

■ 21.7975, 18.8464,
28.4759

■ 30.0322, 35.3155,
31.2207

■ 20.3872, 16.0259,
28.0058

■ 32.7903, 40.8317,
32.1401

■ 19.2135, 13.6785,
27.6145

■ 35.8469, 46.9447,
33.1589

■ 18.2634, 11.7783,
27.2978

■ 39.2104, 53.6717,
34.2801

■ 17.5227, 10.2969,
27.0509

■ 42.8892, 61.0292,
35.5063

■ 16.9756, 9.2028,
26.8686

■ 46.8911, 69.0329,
36.8403

■ 16.6040, 8.4598,
26.7448

■ 51.2237, 77.6982,
38.2845

■ 16.3864, 8.0247,
26.6722

■ 52.0462, 79.3431,
38.5586

Harmonies

Analogous

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



25.0484, 25.9998, 30.4593



25.3741, 25.9998, 29.6677



25.5225, 25.9998, 28.5282

Triad

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



25.3741, 25.9998, 29.6677



24.7883, 25.9998, 26.0747



23.9868, 25.9998, 29.2793

Complementary

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



25.3741, 25.9998, 29.6677



24.8922, 26.8839, 27.9233

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.



23.9189, 25.9998, 28.0916



25.3741, 25.9998, 29.6677



24.3787, 25.9998, 26.2630

Square

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



25.3741, 25.9998, 29.6677



25.1819, 25.9998, 26.4712



24.0616, 25.9998, 26.9931



24.2481, 25.9998, 30.2307

Rectangle

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



25.3741, 25.9998, 29.6677



25.4997, 25.9998, 27.7331



24.0616, 25.9998, 26.9931



23.9407, 25.9998, 28.8935

Sweetspot

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



25.3748, 26.0009, 29.6683



46.3655, 48.4104, 53.4384



24.5408, 25.5887, 29.6327



10.6383, 11.1129, 12.2565



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.3748, 26.0009, 29.6683



45.2259, 46.1311, 53.0586



25.1938, 25.9285, 28.7148



5.8350, 5.9286, 6.8656



14.3992, 6.9167, 23.5532



0.1377, 0.0661, 0.2252

Inverse Universe

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



25.0046, 25.8528, 27.7184



44.4538, 45.8223, 48.9927



25.0690, 26.9546, 28.8547



5.7230, 5.8838, 6.2757



10.0158, 5.1634, 0.4688



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 25.3741, 25.9998, 29.6677 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 25.3741, 25.9998, 29.6677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

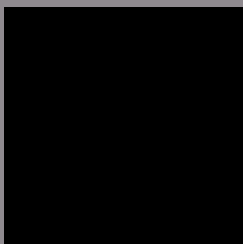
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

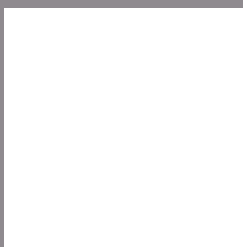
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3741, 25.9998, 29.6677

Background



This preview shows how black text looks on a background with the XYZ color 25.3741, 25.9998, 29.6677.



This preview shows how white text looks on a background with the XYZ color 25.3741, 25.9998,

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

25.3741, 25.9998, 29.6677

Protanopia

25.1750, 26.1111, 29.6997

Deuteranopia

26.4605, 25.9209, 29.9942



Tritanopia

25.7926, 25.9587, 31.6681

Trichromacy



Original Color

25.3741, 25.9998, 29.6677

Protanomaly

25.3459, 26.1992, 29.7077

Deuteranomaly

26.0509, 25.9178, 30.0152

Tritanomaly

25.6356, 25.8959, 30.8414

Monochromacy



Original Color

25.3741, 25.9998, 29.6677

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0248, 26.0510, 28.9087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3741, 25.9998, 29.6677 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(143, 138, 143)` looks like.

```
.text, #text, p{  
    color:rgb(143, 138, 143)  
}
```

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(143, 138, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 138, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.3741, 25.9998, 29.6677 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(143, 138, 143) }
```


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

```
.border{ border-color:rgb(143, 138, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 138, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 138, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 138, 143);  
box-shadow:4px 4px 4px 4px rgb(143, 138,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3741, 25.9998, 29.6677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 138, 143) }
```

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

```
.background{ background-color: rgb(143,  
138, 143) }
```

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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