

Converting Colors

XYZ(25.3182, 27.9003, 33.0954)

Have a look what the booklet for
XYZ(25.3182, 27.9003, 33.0954)
contains.

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Color

**XYZ(25.2988, 27.8947,
32.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	839396
RGB	131, 147, 150
RGB Percent	51%, 58%, 59%
CMY	0.4863, 0.4235, 0.4118
CMYK	0.13, 0.02, 0.00, 0.41
HSL	189°, 8%, 55%
HSV	189°, 13%, 59%
XYZ	25.2988, 27.8947, 32.9050
YIQ	142.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

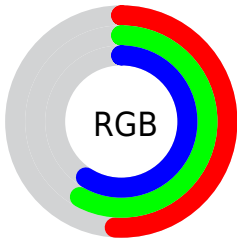
Format	Color
R_{YB}	131, 140, 150
Decimal	8622998
CIE _{Lab}	59.79, -5.07, -3.54
CIE _{LCh}	60, 6.177, 214.912
Yxy	27.8947, 0.2938, 0.3240
Android (android.graphics.Color)	4286813078 (0xFF839396)
YUV	142.5580, 3.6689, -10.1364
Hunter-Lab	52.8154, -6.9248, 0.0320

Details

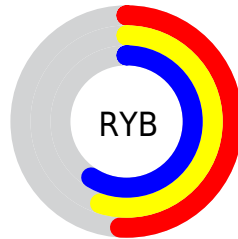
The XYZ color **25.2988, 27.8947, 32.9050** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1997, 25.1729, 25.0039**, and the grayscale version is **25.9219, 27.2718, 29.6990**.

A 20% lighter version of the original color is **51.5529, 56.3233, 65.2811**, and **9.8283, 11.0159, 13.4127** is the 20% darker color. If you saturate the color by 10%, you get **22.7776, 26.0550, 32.6832**, and if you desaturate by 10%, it is **28.1655, 29.9253, 33.1463**.

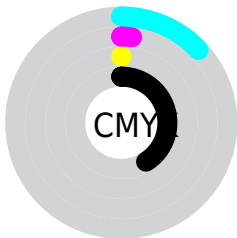
Distribution



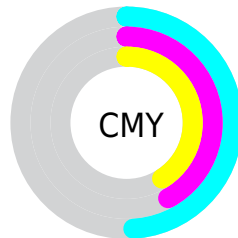
- Red (51%)
- Green (58%)
- Blue (59%)



- Red (51%)
- Yellow (55%)
- Blue (59%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2988, 27.8947, 32.9050 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 25.2988, 27.8947, 32.9050 by changing the saturation by 10% instead.

■ 25.2988, 27.8947,
32.9050

■ 25.2988, 27.8947,
32.9050

271.6430,
291.9634, 329.8403

■ 16.4297, 18.2463,
21.7832

■ 51.5810, 56.3163,
65.3415

■ 9.9215, 11.1270,
13.5009

■ 69.7248, 75.8583,
87.4932

■ 5.4088, 6.1523,
7.6396

■ 91.6908, 99.4669,
114.1586

■ 2.5263, 2.9379,
3.7807

117.8446,
127.5265, 145.7563

■ 0.9085, 1.0994,
1.5059

148.5513,
160.4216, 182.7048

■ 0.0000, 0.0000,
0.2223

184.1764,

■ 0.0000, 0.0000,

198.5365, 225.4226

0.0000

225.0852,
242.2557, 274.3282

■ 25.2988, 27.8947,
32.9050

■ 25.2988, 27.8947,
32.9050

■ 22.7776, 26.0550,
32.6832

■ 28.1655, 29.9253,
33.1463

■ 20.5852, 24.3951,
32.4784

■ 31.3890, 32.1504,
33.4059

■ 18.7068, 22.9082,
32.2904

■ 34.9827, 34.5778,
33.6850

■ 17.1257, 21.5857,
32.1184

■ 38.9590, 37.2138,
33.9842

■ 15.8236, 20.4179,
31.9617

■ 43.3294, 40.0645,
34.3041

■ 14.7800, 19.3944,
31.8191

■ 48.1051, 43.1357,
34.6452

■ 13.9718, 18.5029,
31.6896

■ 53.2967, 46.4329,
35.0080

■ 13.3712, 17.7294,
31.5720

■ 58.9145, 49.9616,
35.3930

■ 13.0086, 17.2089,
31.4906

■ 60.8041, 51.5800,
35.6058

Harmonies

Analogous

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



25.0427, 27.8947, 30.7429



25.2988, 27.8947, 32.9050



25.8805, 27.8947, 34.4429

Triad

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



25.2988, 27.8947, 32.9050



27.8986, 27.8947, 32.2357



26.3845, 27.8947, 26.2801

Complementary

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



25.2988, 27.8947, 32.9050



25.1997, 25.1729, 25.0039

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.



27.1559, 27.8947, 26.6363



25.2988, 27.8947, 32.9050



28.0399, 27.8947, 30.0053

Square

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



25.2988, 27.8947, 32.9050



27.3832, 27.8947, 34.0434



27.7656, 27.8947, 27.9736



25.6616, 27.8947, 26.9757

Rectangle

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



25.2988, 27.8947, 32.9050



26.3799, 27.8947, 34.8680



27.7656, 27.8947, 27.9736



26.6467, 27.8947, 26.2811

Sweetspot

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



25.2996, 27.8959, 32.9056



48.9531, 52.2843, 58.4330



24.5595, 28.3555, 26.6787



10.7674, 11.5298, 12.9428



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.



25.2996, 27.8959, 32.9056



43.4196, 48.3434, 57.9640



23.9039, 25.1045, 32.4404



5.8870, 6.4080, 7.3963



10.8080, 14.3107, 26.1236



0.1491, 0.2088, 0.3254

Inverse Universe

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



25.9611, 24.8238, 31.0282



44.8118, 41.9392, 53.9987



26.5500, 27.8734, 25.4540



5.9964, 5.8936, 7.0872



13.5824, 6.6380, 17.0800



0.1747, 0.0846, 0.2538

Previews

White Background



This preview shows how the XYZ color 25.2988, 27.8947, 32.9050 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 25.2988, 27.8947, 32.9050 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

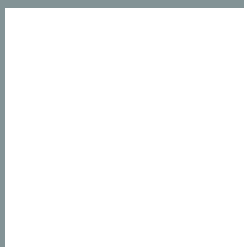
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2988, 27.8947, 32.9050

Background



This preview shows how black text looks on a background with the XYZ color 25.2988, 27.8947, 32.9050.



This preview shows how white text looks on a background with the XYZ color 25.2988, 27.8947,

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

25.2988, 27.8947, 32.9050

Protanopia

26.8448, 27.8028, 31.9686

Deuteranopia

28.3720, 27.8932, 33.5943



Tritanopia

25.8804, 27.8976, 35.9190

Trichromacy



Original Color

25.2988, 27.8947, 32.9050

Protanomaly

26.2133, 27.6919, 32.3973

Deuteranomaly

27.2624, 27.9903, 33.2439

Tritanomaly

25.6273, 27.7964, 34.5864

Monochromacy



Original Color

25.2988, 27.8947, 32.9050

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8090, 27.5108, 31.1440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2988, 27.8947, 32.9050 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(131, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(131, 147, 150)  
}
```

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(131, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 147, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.2988, 27.8947, 32.9050 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(131, 147, 150) }
```


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

```
.border{ border-color:rgb(131, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(131, 147,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2988, 27.8947, 32.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 147, 150) }
```

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

```
.background{ background-color: rgb(131,  
147, 150) }
```

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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