

Converting Colors

XYZ(25.5813, 28.1008, 33.3492)

Have a look what the booklet for
XYZ(25.5813, 28.1008, 33.3492)
contains.

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Color

**XYZ(25.5354, 28.0073,
33.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	849397
RGB	132, 147, 151
RGB Percent	52%, 58%, 59%
CMY	0.4823, 0.4235, 0.4078
CMYK	0.13, 0.03, 0.00, 0.41
HSL	193°, 8%, 55%
HSV	193°, 13%, 59%
XYZ	25.5354, 28.0073, 33.3383
YIQ	142.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

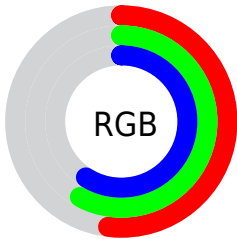
Format	Color
R_{YB}	132, 140, 151
Decimal	8688535
CIE _{Lab}	59.90, -4.51, -3.95
CIE _{LCh}	60, 5.989, 221.218
Yxy	28.0073, 0.2939, 0.3224
Android (android.graphics.Color)	4286878615 (0xFF849397)
YUV	142.9710, 3.9583, -9.6216
Hunter-Lab	52.9219, -6.4852, -0.3045

Details

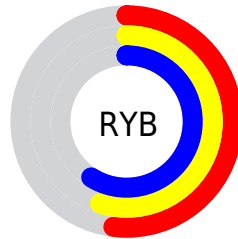
The XYZ color **25.5354, 28.0073, 33.3383** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7319, 25.8537, 25.4645**, and the grayscale version is **26.0851, 27.4436, 29.8861**.

A 20% lighter version of the original color is **51.9137, 56.4954, 65.9262**, and **9.9628, 11.0797, 13.6701** is the 20% darker color. If you saturate the color by 10%, you get **22.8558, 25.9032, 33.0738**, and if you desaturate by 10%, it is **28.5721, 30.3173, 33.6246**.

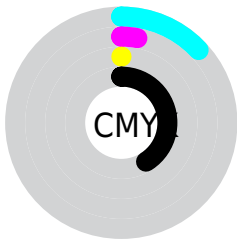
Distribution



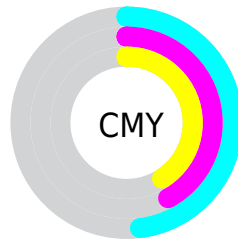
- Red (52%)
- Green (58%)
- Blue (59%)



- Red (52%)
- Yellow (55%)
- Blue (59%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5354, 28.0073, 33.3383 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 25.5354, 28.0073, 33.3383 by changing the saturation by 10% instead.

■ 25.5354, 28.0073,
33.3383

■ 25.5354, 28.0073,
33.3383

272.7926,
292.5018, 331.8500

■ 16.6072, 18.3312,
22.1125

■ 51.9611, 56.4961,
66.0254

■ 10.0484, 11.1880,
13.7405

■ 70.1894, 76.0775,
88.3238

■ 5.4936, 6.1934,
7.8037

■ 92.2485, 99.7296,
115.1502

■ 2.5774, 2.9631,
3.8836

118.5037,
127.8365, 146.9230

■ 0.9344, 1.1125,
1.5617

149.3203,
160.7828, 184.0609

■ 0.0000, 0.0000,
0.2633

185.0638,

■ 0.0000, 0.0000,

198.9529, 226.9823

0.0000

226.0994,
242.7311, 276.1058

■ 25.5354, 28.0073,
33.3383

■ 25.5354, 28.0073,
33.3383

■ 22.8558, 25.9032,
33.0738

■ 28.5721, 30.3173,
33.6246

■ 20.5161, 23.9937,
32.8286

■ 31.9774, 32.8369,
33.9314

■ 18.5013, 22.2716,
32.6024

■ 35.7650, 35.5742,
34.2601

■ 16.7945, 20.7280,
32.3944

■ 39.9474, 38.5358,
34.6114

■ 15.3768, 19.3532,
32.2037

■ 44.5366, 41.7280,
34.9856

■ 14.2276, 18.1361,
32.0294

■ 49.5438, 45.1567,
35.3835

■ 13.3230, 17.0645,
31.8702

■ 54.9800, 48.8278,
35.8056

■ 12.6350, 16.1236,
31.7249

■ 60.8556, 52.7467,
36.2523

■ 12.2097, 15.4817,
31.6234

■ 62.2733, 54.3890,
36.4946

Harmonies

Analogous

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



25.2116, 28.0073, 31.3170



25.5354, 28.0073, 33.3383



26.1521, 28.0073, 34.6337

Triad

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



25.5354, 28.0073, 33.3383



28.0284, 28.0073, 31.8633



26.3367, 28.0073, 26.5696

Complementary

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



25.5354, 28.0073, 33.3383



25.7319, 25.8537, 25.4645

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.



27.0936, 28.0073, 26.7002



25.5354, 28.0073, 33.3383



28.0801, 28.0073, 29.6878

Square

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



25.5354, 28.0073, 33.3383



27.5952, 28.0073, 33.7545



27.7351, 28.0073, 27.8185



25.6683, 28.0073, 27.4527

Rectangle

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



25.5354, 28.0073, 33.3383



26.6512, 28.0073, 34.8760



27.7351, 28.0073, 27.8185



26.5890, 28.0073, 26.4975

Sweetspot

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



25.5362, 28.0085, 33.3389



50.3125, 53.6506, 60.1375



25.0127, 28.8112, 27.4616



11.3445, 12.1256, 13.6600



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.



25.5362, 28.0085, 33.3389



44.3648, 49.0987, 59.5724



24.1478, 25.2316, 32.8761



6.2742, 6.8058, 7.9119



10.4078, 13.2123, 26.9094



0.1803, 0.2470, 0.4105

Inverse Universe

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



26.2809, 25.1891, 31.0818



45.9670, 43.1070, 54.7002



27.0992, 28.5884, 25.9203



6.4055, 6.3014, 7.5156



13.7121, 6.7391, 15.5410



0.2175, 0.1057, 0.2980

Previews

White Background



This preview shows how the XYZ color 25.5354, 28.0073, 33.3383 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 25.5354, 28.0073, 33.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

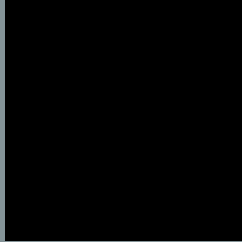
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

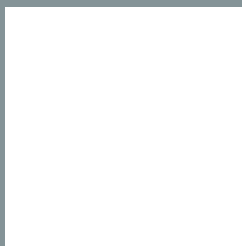
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5354, 28.0073, 33.3383

Background



This preview shows how black text looks on a background with the XYZ color 25.5354, 28.0073, 33.3383.



This preview shows how white text looks on a background with the XYZ color 25.5354, 28.0073,

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

25.5354, 28.0073, 33.3383

Protanopia

26.9243, 27.8346, 32.3873

Deuteranopia

28.3720, 27.8932, 33.5943



Tritanopia

26.1233, 28.0129, 36.3779

Trichromacy



Original Color

25.5354, 28.0073, 33.3383

Protanomaly

26.2935, 27.7240, 32.8196

Deuteranomaly

27.3440, 28.0229, 33.6735

Tritanomaly

25.8681, 27.9109, 35.0343

Monochromacy



Original Color

25.5354, 28.0073, 33.3383

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 25.5354, 28.0073, 33.3383 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(132, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(132, 147, 151)  
}
```

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(132, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 147, 151) }
```

Border

The CSS property to change the border of an element to XYZ 25.5354, 28.0073, 33.3383 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(132, 147, 151) }
```


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

```
.border{ border-color:rgb(132, 147, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(132, 147,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5354, 28.0073, 33.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 147, 151) }
```

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

```
.background{ background-color: rgb(132,  
147, 151) }
```

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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