

Converting Colors

XYZ(23.4912, 25.8684, 29.1446)

Have a look what the booklet for
XYZ(23.4912, 25.8684, 29.1446)
contains.

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Color

**XYZ(23.5340, 25.9362,
28.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	818E8D
RGB	129, 142, 141
RGB Percent	51%, 56%, 55%
CMY	0.4941, 0.4431, 0.4471
CMYK	0.09, 0.00, 0.01, 0.44
HSL	175°, 5%, 53%
HSV	175°, 9%, 56%
XYZ	23.5340, 25.9362, 28.9651
YIQ	137.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

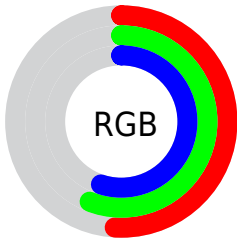
Format	Color
R_{YB}	129, 136, 142
Decimal	8490637
CIE _{Lab}	57.98, -4.89, -1.08
CIE _{LCh}	58, 5.012, 192.471
Yxy	25.9362, 0.3000, 0.3307
Android (android.graphics.Color)	4286680717 (0xFF818E8D)
YUV	137.9990, 1.4795, -7.8921
Hunter-Lab	50.9276, -6.6372, 1.9281

Details

The XYZ color **23.5340, 25.9362, 28.9651** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0358, 23.0638, 24.3580**, and the grayscale version is **24.1543, 25.4122, 27.6738**.

A 20% lighter version of the original color is **48.8817, 53.3651, 59.3539**, and **9.0237, 10.1151, 11.3743** is the 20% darker color. If you saturate the color by 10%, you get **21.4443, 24.8690, 28.4448**, and if you desaturate by 10%, it is **25.9258, 27.1605, 29.5049**.

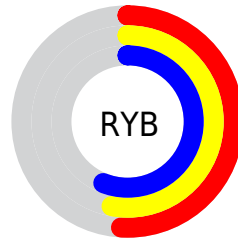
Distribution



Red (51%)

Green (56%)

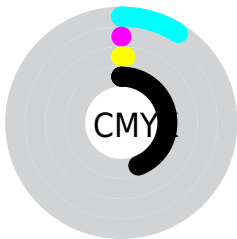
Blue (55%)



Red (51%)

Yellow (53%)

Blue (56%)

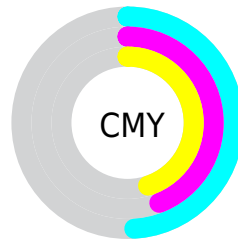


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5340, 25.9362, 28.9651 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 23.5340, 25.9362, 28.9651 by changing the saturation by 10% instead.

■ 23.5340, 25.9362,
28.9651

■ 23.5340, 25.9362,
28.9651

262.9404,
282.4687, 311.1060

■ 15.1112, 16.7759,
18.8091

■ 48.7289, 53.1720,
59.0632

■ 8.9843, 10.0749,
11.3570

■ 66.2317, 72.0163,
79.8423

■ 4.7879, 5.4486,
6.1903

■ 87.4918, 94.8574,
104.9995

■ 2.1569, 2.5128,
2.8905

112.8747,
122.0797, 134.9533

■ 0.7199, 0.8830,
1.0390

142.7456,
154.0676, 170.1224

■ 0.0000, 0.0000,
0.0000

177.4700,

191.2055, 210.9251

217.4131,
233.8777, 257.7802

■ 23.5340, 25.9362,
28.9651

■ 23.5340, 25.9362,
28.9651

■ 21.4443, 24.8690,
28.4448

■ 25.9258, 27.1605,
29.5049

■ 19.6422, 23.9492,
27.9415

■ 28.6290, 28.5445,
30.0629

■ 18.1152, 23.1712,
27.4553

■ 31.6554, 30.0950,
30.6402

■ 16.8492, 22.5277,
26.9856

■ 35.0154, 31.8174,
31.2374

■ 15.8289, 22.0107,
26.5314

■ 38.7189, 33.7168,
31.8550

■ 15.0370, 21.6113,
26.0921

■ 42.7756, 35.7982,
32.4933

■ 14.4544, 21.3198,
25.6667

■ 47.1945, 38.0662,
33.1529

■ 14.0587, 21.1245,
25.2542

■ 51.9846, 40.5254,
33.8341

■ 13.7954, 20.9974,
24.8520

■ 56.4873, 42.8365,
34.5061

Harmonies

Analogous

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



23.5597, 25.9362, 27.2493



23.5340, 25.9362, 28.9651



23.8041, 25.9362, 30.5480

Triad

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



23.5340, 25.9362, 28.9651



25.4448, 25.9362, 30.7674



25.0033, 25.9362, 25.1833

Complementary

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



23.5340, 25.9362, 28.9651



23.0358, 23.0638, 24.3580

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.



25.5189, 25.9362, 26.0515



23.5340, 25.9362, 28.9651



25.7766, 25.9362, 29.2546

Square

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



23.5340, 25.9362, 28.9651



24.9034, 25.9362, 31.6167



25.8040, 25.9362, 27.5273



24.4014, 25.9362, 25.1129

Rectangle

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



23.5340, 25.9362, 28.9651



24.1183, 25.9362, 31.2961



25.8040, 25.9362, 27.5273



25.1927, 25.9362, 25.3898

Sweetspot

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



23.5347, 25.9373, 28.9657



44.0043, 47.0171, 51.6515



22.8550, 25.6845, 24.5224



9.7572, 10.4649, 11.5205



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.5347, 25.9373, 28.9657



40.6926, 45.3235, 50.8830



22.8231, 24.3941, 29.0980



5.5426, 6.1093, 6.8230



12.3695, 18.8437, 22.2980



0.1217, 0.1815, 0.2314

Inverse Universe

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



23.0358, 23.0638, 24.3580



39.6285, 39.1943, 41.0551



23.7015, 24.5023, 24.2496



5.4247, 5.4304, 5.7345



10.0729, 5.1862, 0.7693



0.0990, 0.0507, 0.0215

Previews

White Background



This preview shows how the XYZ color 23.5340, 25.9362, 28.9651 looks on a white background.

Color Contrast Check

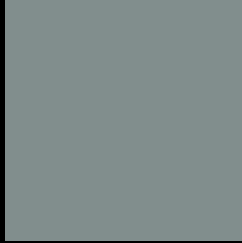
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5340, 25.9362, 28.9651 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

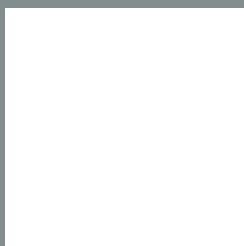
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5340, 25.9362, 28.9651

Background



This preview shows how black text looks on a background with the XYZ color 23.5340, 25.9362, 28.9651.



This preview shows how white text looks on a background with the XYZ color 23.5340, 25.9362,

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

23.5340, 25.9362, 28.9651

Protanopia

24.9040, 25.7918, 28.0918

Deuteranopia

26.3090, 25.8602, 29.1961



Tritanopia

24.4057, 25.8485, 33.4087

Trichromacy



Original Color

23.5340, 25.9362, 28.9651

Protanomaly

24.2828, 25.6771, 28.4873

Deuteranomaly

25.2987, 25.9696, 29.2704

Tritanomaly

24.0761, 25.9337, 31.7537

Monochromacy



Original Color

23.5340, 25.9362, 28.9651

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8845, 25.4802, 28.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5340, 25.9362, 28.9651 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(129, 142, 141)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 141)  
}
```

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(129, 142, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.5340, 25.9362, 28.9651 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(129, 142, 141) }
```


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

```
.border{ border-color:rgb(129, 142, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 141);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5340, 25.9362, 28.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 141) }
```

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

```
.background{ background-color: rgb(129,  
142, 141) }
```

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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