

Converting Colors

XYZ(23.8170, 25.7351, 28.7823)

Have a look what the booklet for
XYZ(23.8170, 25.7351, 28.7823)
contains.

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Color

**XYZ(23.8587, 25.6658,
28.8958)**

Conversions

Conversions Part 1

Format	Color
Hex	858C8D
RGB	133, 140, 141
RGB Percent	52%, 55%, 55%
CMY	0.4784, 0.4510, 0.4471
CMYK	0.06, 0.01, 0.00, 0.45
HSL	187°, 3%, 54%
HSV	187°, 6%, 55%
XYZ	23.8587, 25.6658, 28.8958
YIQ	138.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

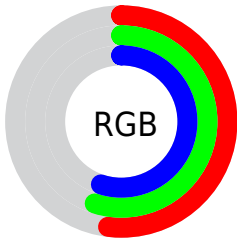
Format	Color
R_{YB}	133, 137, 141
Decimal	8752269
CIE Lab	57.72, -2.34, -1.42
CIE LCh	58, 2.743, 211.287
Yxy	25.6658, 0.3042, 0.3273
Android (android.graphics.Color)	4286942349 (0xFF858C8D)
YUV	138.0210, 1.4686, -4.4034
Hunter-Lab	50.6614, -4.5940, 1.6457

Details

The XYZ color **23.8587, 25.6658, 28.8958** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7434, 24.4063, 25.6503**, and the grayscale version is **24.1619, 25.4202, 27.6826**.

A 20% lighter version of the original color is **49.3918, 52.9628, 59.2494**, and **9.2006, 9.9525, 11.3336** is the 20% darker color. If you saturate the color by 10%, you get **21.5256, 24.0853, 28.7141**, and if you desaturate by 10%, it is **26.4962, 27.4108, 29.0940**.

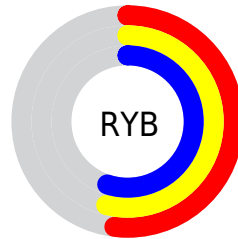
Distribution



Red (52%)

Green (55%)

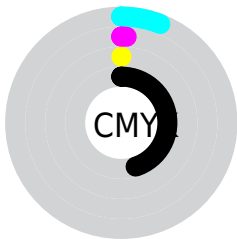
Blue (55%)



Red (52%)

Yellow (54%)

Blue (55%)

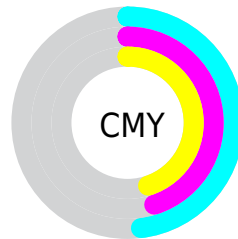


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8587, 25.6658, 28.8958 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 23.8587, 25.6658, 28.8958 by changing the saturation by 10% instead.

■ 23.8587, 25.6658,
28.8958

■ 23.8587, 25.6658,
28.8958

264.5591,
281.1376, 310.7685

■ 15.3530, 16.5738,
18.7571

■ 49.2559, 52.7353,
58.9517

■ 9.1554, 9.9311,
11.3199

■ 66.8781, 71.4816,
79.7060

■ 4.9006, 5.3533,
6.1655

■ 88.2698, 94.2148,
104.8359

■ 2.2232, 2.4560,
2.8756

113.7964,
121.3192, 134.7600

■ 0.7549, 0.8545,
1.0315

143.8233,
153.1793, 169.8967

■ 0.0000, 0.0000,
0.0000

178.7158,

190.1795, 210.6647

218.8393,
232.7041, 257.4825

■ 23.8587, 25.6658,
28.8958

■ 23.8587, 25.6658,
28.8958

■ 21.5256, 24.0853,
28.7141

■ 26.4962, 27.4108,
29.0940

■ 19.4829, 22.6599,
28.5466

■ 29.4472, 29.3227,
29.3075

■ 17.7187, 21.3841,
28.3933

■ 32.7229, 31.4082,
29.5374

■ 16.2195, 20.2508,
28.2536

■ 36.3335, 33.6726,
29.7842

■ 14.9705, 19.2526,
28.1268

■ 40.2886, 36.1207,
30.0482

■ 13.9556, 18.3810,
28.0120

■ 44.5975, 38.7575,
30.3301

■ 13.1566, 17.6267,
27.9085

■ 49.2691, 41.5875,
30.6301

■ 12.5528, 16.9788,
27.8153

■ 54.3120, 44.6153,
30.9487

■ 12.1138, 16.4218,
27.7310

■ 57.9079, 46.9033,
31.2009

Harmonies

Analogous

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



23.7685, 25.6658, 27.9863



23.8587, 25.6658, 28.8958



24.0923, 25.6658, 29.5626

Triad

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



23.8587, 25.6658, 28.8958



24.9528, 25.6658, 28.8239



24.3804, 25.6658, 26.1757

Complementary

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



23.8587, 25.6658, 28.8958



23.7434, 24.4063, 25.6503

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.



24.6993, 25.6658, 26.3888



23.8587, 25.6658, 28.8958



25.0316, 25.6658, 27.9051

Square

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



23.8587, 25.6658, 28.8958



24.7241, 25.6658, 29.5205



24.9384, 25.6658, 27.0166



24.0680, 25.6658, 26.4280

Rectangle

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



23.8587, 25.6658, 28.8958



24.2990, 25.6658, 29.7724



24.9384, 25.6658, 27.0166



24.4904, 25.6658, 26.1953

Sweetspot

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



23.8594, 25.6669, 28.8964



44.3783, 47.0642, 51.8732



23.4966, 25.7561, 26.2634



9.9261, 10.5212, 11.5871



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.



23.8594, 25.6669, 28.8964



42.0769, 45.5283, 51.6980



23.2946, 24.5372, 28.7081



5.6094, 6.0744, 6.9056



10.8968, 14.7796, 25.2555



0.1146, 0.1621, 0.2449

Inverse Universe

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



24.1063, 24.3318, 28.2382



42.6300, 42.5490, 50.2203



24.2975, 25.5145, 25.8350



5.6853, 5.6658, 6.7028



13.3033, 6.4783, 17.7804



0.1324, 0.0640, 0.1977

Previews

White Background



This preview shows how the XYZ color 23.8587, 25.6658, 28.8958 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 23.8587, 25.6658, 28.8958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

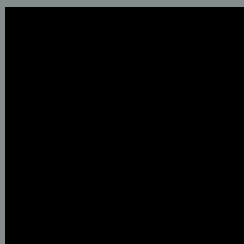
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

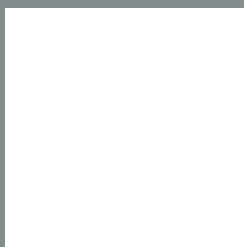
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8587, 25.6658, 28.8958

Background



This preview shows how black text looks on a background with the XYZ color 23.8587, 25.6658, 28.8958.



This preview shows how white text looks on a background with the XYZ color 23.8587, 25.6658,

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

23.8587, 25.6658, 28.8958

Protanopia

24.8066, 25.7331, 28.4705

Deuteranopia

25.9853, 25.4872, 29.1411



Tritanopia

24.5692, 25.7356, 32.5267

Trichromacy



Original Color

23.8587, 25.6658, 28.8958

Protanomaly

24.4475, 25.7620, 28.4950

Deuteranomaly

25.1882, 25.4906, 29.1838

Tritanomaly

24.3306, 25.6402, 31.2704

Monochromacy



Original Color

23.8587, 25.6658, 28.8958

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0462, 25.5636, 28.0930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8587, 25.6658, 28.8958 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(133, 140, 141)` looks like.

```
.text, #text, p{  
    color:rgb(133, 140, 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(133, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 140, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.8587, 25.6658, 28.8958 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(133, 140, 141) }
```


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

```
.border{ border-color:rgb(133, 140, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(133, 140,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8587, 25.6658, 28.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 140, 141) }
```

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

```
.background{ background-color: rgb(133,  
140, 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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