

Converting Colors

XYZ(23.3997, 25.8435, 27.5985)

Have a look what the booklet for
XYZ(23.3997, 25.8435, 27.5985)
contains.

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Color

**XYZ(23.3943, 25.8980,
27.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	828E89
RGB	130, 142, 137
RGB Percent	51%, 56%, 54%
CMY	0.4902, 0.4431, 0.4627
CMYK	0.08, 0.00, 0.04, 0.44
HSL	155°, 5%, 53%
HSV	155°, 8%, 56%
XYZ	23.3943, 25.8980, 27.4327
YIQ	137.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

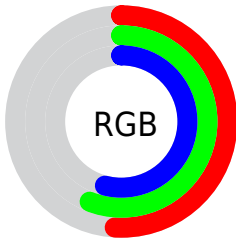
Format	Color
R_{YB}	130, 138, 142
Decimal	8556169
CIE _{Lab}	57.94, -5.36, 1.16
CIE _{LCh}	58, 5.484, 167.739
Yxy	25.8980, 0.3049, 0.3375
Android (android.graphics.Color)	4286746249 (0xFF828E89)
YUV	137.8420, -0.4151, -6.8774
Hunter-Lab	50.8901, -7.0007, 3.6623

Details

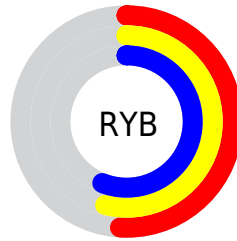
The XYZ color **23.3943, 25.8980, 27.4327** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5121, 23.4660, 26.2131**, and the grayscale version is **24.1009, 25.3560, 27.6127**.

A 20% lighter version of the original color is **48.5626, 53.2648, 56.4368**, and **8.9408, 10.0917, 10.4935** is the 20% darker color. If you saturate the color by 10%, you get **20.9518, 24.6873, 25.1629**, and if you desaturate by 10%, it is **26.1622, 27.2752, 29.8404**.

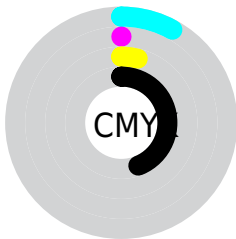
Distribution



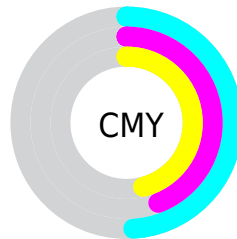
- Red (51%)
- Green (56%)
- Blue (54%)



- Red (51%)
- Yellow (54%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3943, 25.8980, 27.4327 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 23.3943, 25.8980, 27.4327 by changing the saturation by 10% instead.

■ 23.3943, 25.8980,
27.4327

■ 23.3943, 25.8980,
27.4327

262.2415,
282.2810, 303.5723

■ 15.0072, 16.7473,
17.6632

■ 48.5019, 53.1103,
56.5896

■ 8.9108, 10.0545,
10.5415

■ 65.9531, 71.9408,
76.8140

■ 4.7397, 5.4351,
5.6492

■ 87.1563, 94.7667,
101.3605

■ 2.1285, 2.5048,
2.5676

112.4771,
121.9724, 130.6475

■ 0.7047, 0.8790,
0.8757

142.2806,
153.9423, 165.0937

■ 0.0000, 0.0000,
0.0000

176.9323,

191.0608, 205.1175

216.7974,
233.7122, 251.1375

■ 23.3943, 25.8980,
27.4327

■ 23.3943, 25.8980,
27.4327

■ 20.9518, 24.6873,
25.1629

■ 26.1622, 27.2752,
29.8404

■ 18.8200, 23.6334,
23.0268

■ 29.2651, 28.8217,
32.3867

■ 16.9860, 22.7304,
21.0223

■ 32.7152, 30.5443,
35.0746

■ 15.4354, 21.9709,
19.1468

■ 36.5231, 32.4487,
37.9064

■ 14.1525, 21.3470,
17.3973

■ 40.6992, 34.5399,
40.8843

■ 13.1199, 20.8496,
15.7711

■ 45.2532, 36.8231,
44.0105

■ 12.3182, 20.4688,
14.2648

■ 50.1947, 39.3032,
47.2872

■ 11.7248, 20.1930,
12.8753

■ 55.5328, 41.9847,
50.7164

■ 11.2909, 19.9971,
11.5978

■ 60.2370, 44.3364,
54.2516

Harmonies

Analogous

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



23.6868, 25.8980, 25.8212



23.3943, 25.8980, 27.4327



23.4247, 25.8980, 29.3219

Triad

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



23.3943, 25.8980, 27.4327



25.0045, 25.8980, 31.8087



25.4798, 25.8980, 25.5900

Complementary

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



23.3943, 25.8980, 27.4327



23.5121, 23.4660, 26.2131

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.



25.8455, 25.8980, 27.1042



23.3943, 25.8980, 27.4327



25.5677, 25.8980, 30.7174

Square

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



23.3943, 25.8980, 27.4327



24.3464, 25.8980, 31.9063



25.8780, 25.8980, 28.9785



24.8861, 25.8980, 24.7897

Rectangle

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



23.3943, 25.8980, 27.4327



23.6240, 25.8980, 30.4851



25.8780, 25.8980, 28.9785



25.6339, 25.8980, 26.0292

Sweetspot

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



23.3950, 25.8991, 27.4333



43.8105, 46.9396, 50.6312



23.7271, 26.1264, 24.9118



9.7034, 10.4434, 11.2375



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.



23.3950, 25.8991, 27.4333



40.4558, 45.2726, 47.6535



23.6437, 25.8088, 29.3280



5.4664, 6.0788, 6.4222



10.0897, 17.9318, 10.2925



0.1075, 0.1758, 0.1564

Inverse Universe

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



23.5121, 23.4660, 26.2131



40.7023, 40.1509, 45.0851



23.2749, 23.5421, 24.4369



5.4963, 5.4590, 6.1114



10.7377, 5.4521, 4.2701



0.1132, 0.0564, 0.0965

Previews

White Background



This preview shows how the XYZ color 23.3943, 25.8980, 27.4327 looks on a white background.

Color Contrast Check

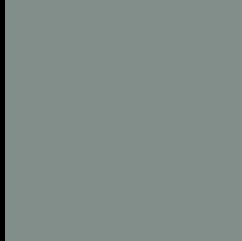
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3943, 25.8980, 27.4327 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

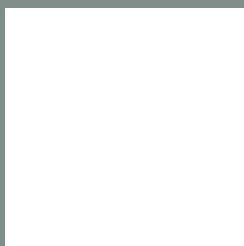
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3943, 25.8980, 27.4327

Background



This preview shows how black text looks on a background with the XYZ color 23.3943, 25.8980, 27.4327.



This preview shows how white text looks on a background with the XYZ color 23.3943, 25.8980,

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

23.3943, 25.8980, 27.4327

Protanopia

24.6170, 25.6770, 26.5804

Deuteranopia

26.3883, 25.9352, 27.6599



Tritanopia

24.4797, 25.8961, 32.9864

Trichromacy



Original Color

23.3943, 25.8980, 27.4327

Protanomaly

24.1578, 25.6461, 26.9695

Deuteranomaly

25.3530, 26.0317, 27.7331

Tritanomaly

24.0733, 25.9504, 30.9343

Monochromacy



Original Color

23.3943, 25.8980, 27.4327

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8117, 25.4511, 27.7023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3943, 25.8980, 27.4327 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(130, 142, 137) looks like.

```
.text, #text, p{  
    color:rgb(130, 142, 137)  
}
```

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(130, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 142, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.3943, 25.8980, 27.4327 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(130, 142, 137) }
```


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

```
.border{ border-color:rgb(130, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(130, 142,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3943, 25.8980, 27.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 142, 137) }
```

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

```
.background{ background-color: rgb(130,  
142, 137) }
```

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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