

Converting Colors

XYZ(23.8354, 25.7156, 27.5680)

Have a look what the booklet for
XYZ(23.8354, 25.7156, 27.5680)
contains.

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Color

**XYZ(23.7970, 25.6595,
27.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	868C8A
RGB	134, 140, 138
RGB Percent	53%, 55%, 54%
CMY	0.4745, 0.4510, 0.4588
CMYK	0.04, 0.00, 0.01, 0.45
HSL	160°, 3%, 54%
HSV	160°, 4%, 55%
XYZ	23.7970, 25.6595, 27.7433
YIQ	137.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

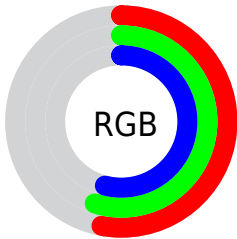
Format	Color
RYB	134, 138, 140
Decimal	8817802
CIELab	57.71, -2.59, 0.30
CIElCh	58, 2.607, 173.455
Yxy	25.6595, 0.3083, 0.3324
Android (android.graphics.Color)	4287007882 (0xFF868C8A)
YUV	137.9780, 0.0108, -3.4887
Hunter-Lab	50.6552, -4.7902, 2.9862

Details

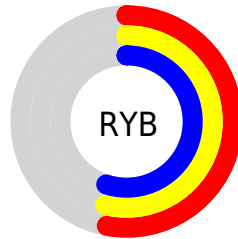
The XYZ color **23.7970, 25.6595, 27.7433** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7851, 24.4038, 26.7505**, and the grayscale version is **24.1504, 25.4081, 27.6695**.

A 20% lighter version of the original color is **49.1893, 52.9100, 56.9103**, and **9.0738, 9.9017, 10.6655** is the 20% darker color. If you saturate the color by 10%, you get **21.3809, 24.4529, 25.9033**, and if you desaturate by 10%, it is **26.5246, 27.0264, 29.6749**.

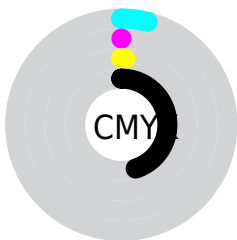
Distribution



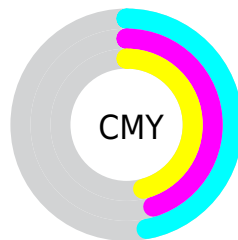
- Red (53%)
- Green (55%)
- Blue (54%)



- Red (53%)
- Yellow (54%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7970, 25.6595, 27.7433 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 23.7970, 25.6595, 27.7433 by changing the saturation by 10% instead.

■ 23.7970, 25.6595,
27.7433

■ 23.7970, 25.6595,
27.7433

264.2521,
281.1066, 305.1115

■ 15.3070, 16.5691,
17.8949

■ 49.1558, 52.7251,
57.0925

■ 9.1229, 9.9277,
10.7059

■ 66.7554, 71.4691,
77.4304

■ 4.8792, 5.3511,
5.7578

■ 88.1222, 94.1998,
102.1018

■ 2.2106, 2.4547,
2.6320

113.6216,
121.3015, 131.5254

■ 0.7483, 0.8538,
0.9089

143.6189,
153.1586, 166.1196

■ 0.0000, 0.0000,
0.0000

178.4795,

190.1556, 206.3030

218.5688,
232.6767, 252.4941

■ 23.7970, 25.6595,
27.7433

■ 23.7970, 25.6595,
27.7433

■ 21.3809, 24.4529,
25.9033

■ 26.5246, 27.0264,
29.6749

■ 19.2623, 23.3973,
24.1516

■ 29.5725, 28.5561,
31.6978

■ 17.4296, 22.4875,
22.4873

■ 32.9520, 30.2549,
33.8140

■ 15.8694, 21.7165,
20.9089

■ 36.6730, 32.1281,
36.0248

■ 14.5672, 21.0769,
19.4145

■ 40.7453, 34.1806,
38.3315

■ 13.5072, 20.5606,
18.0025

■ 45.1779, 36.4171,
40.7356

■ 12.6718, 20.1585,
16.6710

■ 49.9798, 38.8421,
43.2381

■ 12.0407, 19.8603,
15.4180

■ 55.1595, 41.4601,
45.8404

■ 11.5886, 19.6528,
14.2412

■ 58.8603, 43.3139,
48.4564

Harmonies

Analogous

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



23.9094, 25.6595, 26.9275



23.7970, 25.6595, 27.7433



23.8420, 25.6595, 28.6288

Triad

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



23.7970, 25.6595, 27.7433



24.6283, 25.6595, 29.5460



24.7478, 25.6595, 26.5802

Complementary

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



23.7970, 25.6595, 27.7433



23.7851, 24.4038, 26.7505

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.



24.9435, 25.6595, 27.2601



23.7970, 25.6595, 27.7433



24.8741, 25.6595, 28.9752

Square

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



23.7970, 25.6595, 27.7433



24.3202, 25.6595, 29.6820



24.9899, 25.6595, 28.1353



24.4571, 25.6595, 26.2653

Rectangle

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



23.7970, 25.6595, 27.7433



23.9554, 25.6595, 29.1381



24.9899, 25.6595, 28.1353



24.8270, 25.6595, 26.7729

Sweetspot

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



23.7977, 25.6606, 27.7439



43.4636, 45.9939, 50.0056



23.8516, 25.7212, 26.2620



10.0223, 10.6017, 11.5277



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.



23.7977, 25.6606, 27.7439



41.5857, 45.0540, 48.6399



23.8130, 25.4570, 28.4709



5.3077, 5.7630, 6.2174



10.1095, 17.3764, 12.1334



0.0740, 0.1182, 0.1165

Inverse Universe

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



23.7851, 24.4038, 26.7505



41.5594, 42.4297, 46.5657



23.7691, 24.5973, 26.0494



5.3041, 5.4026, 5.9325



10.0689, 5.1377, 2.8670



0.0732, 0.0366, 0.0521

Previews

White Background



This preview shows how the XYZ color 23.7970, 25.6595, 27.7433 looks on a white background.

Color Contrast Check

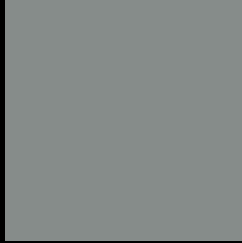
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7970, 25.6595, 27.7433 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

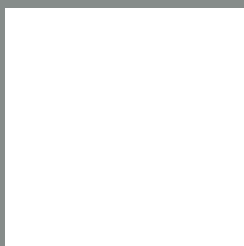
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7970, 25.6595, 27.7433

Background



This preview shows how black text looks on a background with the XYZ color 23.7970, 25.6595, 27.7433.



This preview shows how white text looks on a background with the XYZ color 23.7970, 25.6595,

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

23.7970, 25.6595, 27.7433

Protanopia

24.5883, 25.6458, 27.3211

Deuteranopia

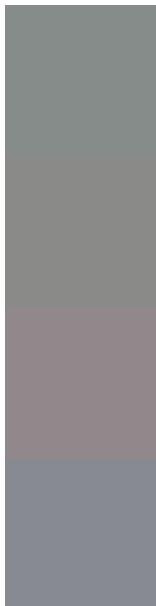
25.9478, 25.4936, 27.9793



Tritanopia

24.6666, 25.5811, 32.0713

Trichromacy



Original Color

23.7970, 25.6595, 27.7433

Protanomaly

24.2292, 25.6747, 27.3456

Deuteranomaly

25.1414, 25.4921, 28.0215

Tritanomaly

24.3351, 25.6605, 30.4584

Monochromacy



Original Color

23.7970, 25.6595, 27.7433

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1366, 25.6186, 27.7175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7970, 25.6595, 27.7433 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(134, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(134, 140, 138)  
}
```

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(134, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 140, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.7970, 25.6595, 27.7433 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(134, 140, 138) }
```


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

```
.border{ border-color:rgb(134, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(134, 140,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7970, 25.6595, 27.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 140, 138) }
```

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

```
.background{ background-color: rgb(134,  
140, 138) }
```

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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