

Converting Colors

XYZ(25.8802, 23.9939, 25.3780)

Have a look what the booklet for
XYZ(25.8802, 23.9939, 25.3780)
contains.

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Color

**XYZ(25.7950, 23.8843,
25.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7E85
RGB	158, 126, 133
RGB Percent	62%, 49%, 52%
CMY	0.3804, 0.5059, 0.4784
CMYK	0.00, 0.20, 0.16, 0.38
HSL	347°, 14%, 56%
HSV	347°, 20%, 62%
XYZ	25.7950, 23.8843, 25.4409
YIQ	136.3660, 16.8250, 8.9610

Conversions

Conversions Part 2

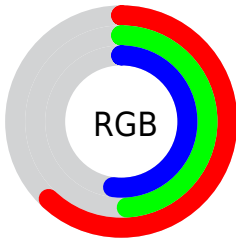
Format	Color
R_{YB}	158, 126, 133
Decimal	10387077
CIE _{Lab}	55.97, 13.50, 0.91
CIE _{LCh}	56, 13.527, 3.837
Yxy	23.8843, 0.3434, 0.3179
Android (android.graphics.Color)	4288577157 (0xFF9E7E85)
YUV	136.3660, -1.6594, 18.9730
Hunter-Lab	48.8716, 8.6892, 3.3457

Details

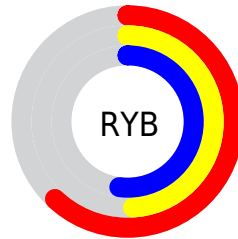
The XYZ color **25.7950, 23.8843, 25.4409** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4179, 31.1242, 33.8948**, and the grayscale version is **23.5412, 24.7671, 26.9714**.

A 20% lighter version of the original color is **52.4236, 49.9315, 53.3291**, and **10.1980, 9.0120, 9.5895** is the 20% darker color. If you saturate the color by 10%, you get **23.1287, 19.8371, 20.5887**, and if you desaturate by 10%, it is **28.8820, 28.6119, 30.9285**.

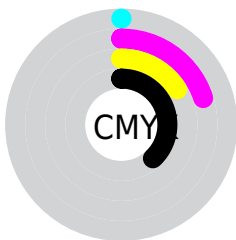
Distribution



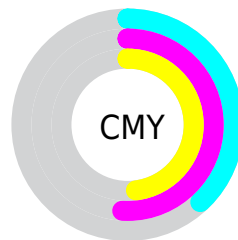
- Red (62%)
- Green (49%)
- Blue (52%)



- Red (62%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7950, 23.8843, 25.4409 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 25.7950, 23.8843, 25.4409 by changing the saturation by 10% instead.

■ 25.7950, 23.8843,
25.4409

■ 25.7950, 23.8843,
25.4409

274.0495,
272.2350, 293.5442

■ 16.8022, 15.2478,
16.1838

■ 52.3777, 49.8413,
53.3446

■ 10.1880, 8.9935,
9.4986

■ 70.6983, 67.9307,
72.8282

■ 5.5870, 4.7369,
4.9666

■ 92.8590, 89.9397,
96.5579

■ 2.6339, 2.0938,
2.1693

119.2250,
116.2529, 124.9520

■ 0.9633, 0.6611,
0.6565

150.1616,
147.2547, 158.4291

■ 0.0000, 0.0000,
0.0000

186.0344,

183.3293, 197.4079

227.2085,
224.8613, 242.3067

■ 25.7950, 23.8843,
25.4409

■ 25.7950, 23.8843,
25.4409

■ 23.1287, 19.8371,
20.5887

■ 28.8820, 28.6119,
30.9285

■ 20.8627, 16.4359,
16.3472

■ 32.4050, 34.0460,
37.0720

■ 18.9778, 13.6480,
12.6923

■ 36.3809, 40.2152,
43.8928

■ 17.4527, 11.4366,
9.5976

■ 40.8250, 47.1454,
51.4108

■ 16.2635, 9.7610,
7.0347

■ 45.7522, 54.8615,
59.6452

■ 15.3835, 8.5748,
4.9726

■ 51.1765, 63.3872,
68.6144

■ 14.7819, 7.8242,
3.3769

■ 57.1113, 72.7450,
78.3361

■ 14.3973, 7.3878,
2.2225

■ 63.5696, 82.9567,
88.8274

■ 66.2057, 85.3272,
98.6522

Harmonies

Analogous

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



25.4723, 23.8843, 29.9389



25.7950, 23.8843, 25.4409



25.2583, 23.8843, 21.5519

Triad

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



25.7950, 23.8843, 25.4409



21.0876, 23.8843, 19.5621



21.4170, 23.8843, 34.4105

Complementary

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



25.7950, 23.8843, 25.4409



26.4179, 31.1242, 33.8948

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.



20.3230, 23.8843, 31.0349



25.7950, 23.8843, 25.4409



20.1389, 23.8843, 22.4334

Square

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



25.7950, 23.8843, 25.4409



22.5031, 23.8843, 18.4098



19.8654, 23.8843, 26.5793



22.9006, 23.8843, 35.4479

Rectangle

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



25.7950, 23.8843, 25.4409



24.4991, 23.8843, 19.7263



19.8654, 23.8843, 26.5793



20.9937, 23.8843, 33.4941

Sweetspot

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



25.7957, 23.8854, 25.4414



54.9961, 55.8793, 60.6307



26.3092, 23.9263, 35.5794



12.3132, 12.4660, 13.5195



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.7957, 23.8854, 25.4414



44.7108, 40.1275, 42.3459



26.4662, 25.9744, 23.3587



6.6895, 6.6687, 7.2160



11.5434, 5.9219, 1.8467



0.2203, 0.1114, 0.1060

Inverse Universe

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



25.7957, 23.8854, 25.4414



44.7108, 40.1275, 42.3459



25.5980, 28.5478, 36.5089



6.6895, 6.6687, 7.2160



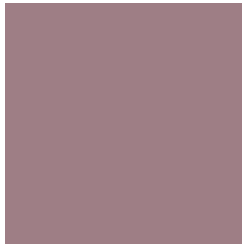
11.5434, 5.9219, 1.8467



0.2203, 0.1114, 0.1060

Previews

White Background



This preview shows how the XYZ color 25.7950, 23.8843, 25.4409 looks on a white background.

Color Contrast Check

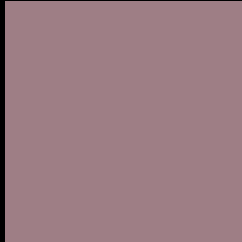
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7950, 23.8843, 25.4409 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 25.7950, 23.8843, 25.4409

Background



This preview shows how black text looks on a background with the XYZ color 25.7950, 23.8843, 25.4409.



This preview shows how white text looks on a background with the XYZ color 25.7950, 23.8843,

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

25.7950, 23.8843, 25.4409

Protanopia

23.1938, 24.0906, 27.0944

Deuteranopia

24.3602, 23.9271, 25.1643



Tritanopia

25.9346, 23.9401, 26.1757

Trichromacy



Original Color

25.7950, 23.8843, 25.4409

Protanomaly

24.0618, 23.9395, 26.6451

Deuteranomaly

24.9640, 24.0419, 25.1546

Tritanomaly

25.8645, 23.9120, 25.8065

Monochromacy



Original Color

25.7950, 23.8843, 25.4409

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1260, 24.1811, 26.3175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7950, 23.8843, 25.4409 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(158, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(158, 126, 133)  
}
```

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(158, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 126, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.7950, 23.8843, 25.4409 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(158, 126, 133) }
```


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

```
.border{ border-color:rgb(158, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(158, 126,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7950, 23.8843, 25.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 126, 133) }
```

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

```
.background{ background-color: rgb(158,  
126, 133) }
```

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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