

Converting Colors

XYZ(23.1185, 23.7929, 27.2472)

Have a look what the booklet for
XYZ(23.1185, 23.7929, 27.2472)
contains.

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Color

**XYZ(23.1283, 23.8443,
27.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	88858A
RGB	136, 133, 138
RGB Percent	53%, 52%, 54%
CMY	0.4667, 0.4784, 0.4588
CMYK	0.01, 0.04, 0.00, 0.46
HSL	276°, 2%, 53%
HSV	276°, 4%, 54%
XYZ	23.1283, 23.8443, 27.4282
YIQ	134.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

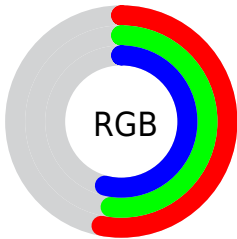
Format	Color
R_{YB}	136, 133, 138
Decimal	8947082
CIE _{Lab}	55.93, 2.11, -2.29
CIE _{LCh}	56, 3.112, 312.588
Yxy	23.8443, 0.3109, 0.3205
Android (android.graphics.Color)	4287137162 (0xFF88858A)
YUV	134.4670, 1.7418, 1.3444
Hunter-Lab	48.8306, -0.9083, 0.8782

Details

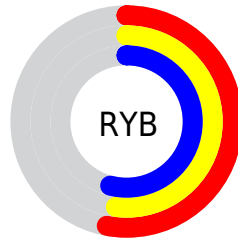
The XYZ color **23.1283, 23.8443, 27.4282** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3148, 25.0220, 25.7925**, and the grayscale version is **22.8262, 24.0150, 26.1523**.

A 20% lighter version of the original color is **47.9491, 49.6982, 56.3557**, and **8.7695, 9.0237, 10.5121** is the 20% darker color. If you saturate the color by 10%, you get **20.4879, 19.8608, 26.7988**, and if you desaturate by 10%, it is **26.0646, 28.3502, 28.1435**.

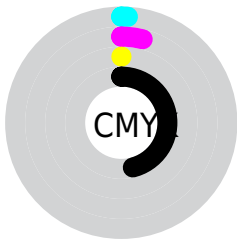
Distribution



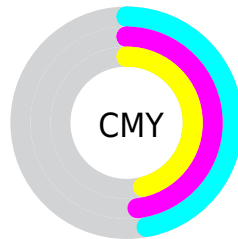
- Red (53%)
- Green (52%)
- Blue (54%)



- Red (53%)
- Yellow (52%)
- Blue (54%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1283, 23.8443, 27.4282 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 23.1283, 23.8443, 27.4282 by changing the saturation by 10% instead.

■ 23.1283, 23.8443,
27.4282

■ 23.1283, 23.8443,
27.4282

260.9063,
272.0324, 303.5500

■ 14.8095, 15.2182,
17.6598

■ 48.0690, 49.7760,
56.5823

■ 8.7712, 8.9726,
10.5391

■ 65.4216, 67.8504,
76.8051

■ 4.6482, 4.7233,
5.6476

■ 86.5162, 89.8429,
101.3497

■ 2.0750, 2.0859,
2.5667

111.7182,
116.1380, 130.6348

■ 0.6756, 0.6567,
0.8752

141.3928,
147.1202, 165.0788

■ 0.0000, 0.0000,
0.0000

175.9054,

183.1737, 205.1003

215.6215,
224.6829, 251.1178

■ 23.1283, 23.8443,
27.4282

■ 23.1283, 23.8443,
27.4282

■ 20.4879, 19.8608,
26.7988

■ 26.0646, 28.3502,
28.1435

■ 18.1309, 16.3770,
26.2506

■ 29.3045, 33.3939,
28.9463

■ 16.0473, 13.3731,
25.7806

■ 32.8579, 38.9941,
29.8400

■ 14.2252, 10.8270,
25.3852

■ 36.7336, 45.1674,
30.8273

■ 12.6521, 8.7143,
25.0603

■ 40.9403, 51.9300,
31.9108

■ 11.3142, 7.0088,
24.8017

■ 45.4860, 59.2972,
33.0933

■ 10.1962, 5.6811,
24.6043

■ 50.3787, 67.2840,
34.3770

■ 9.2809, 4.6978,
24.4627

■ 55.6259, 75.9046,
35.7644

■ 8.5474, 4.0182,
24.3702

■ 60.5277, 83.7583,
37.0220

Harmonies

Analogous

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



22.8124, 23.8443, 27.9171



23.1283, 23.8443, 27.4282



23.3208, 23.8443, 26.5517

Triad

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



23.1283, 23.8443, 27.4282



22.8681, 23.8443, 24.1416



22.0037, 23.8443, 26.3907

Complementary

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



23.1283, 23.8443, 27.4282



23.3148, 25.0220, 25.7925

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.



22.0183, 23.8443, 25.3819



23.1283, 23.8443, 27.4282



22.5149, 23.8443, 24.1011

Square

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



23.1283, 23.8443, 27.4282



23.1695, 23.8443, 24.6620



22.2046, 23.8443, 24.5498



22.1645, 23.8443, 27.3077

Rectangle

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



23.1283, 23.8443, 27.4282



23.3520, 23.8443, 25.8742



22.2046, 23.8443, 24.5498



21.9883, 23.8443, 26.0508

Sweetspot

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



23.1290, 23.8453, 27.4287



42.0630, 44.0059, 48.6602



22.9369, 24.1737, 27.5022



9.4424, 9.8823, 10.9161



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



23.1290, 23.8453, 27.4287



40.5409, 41.6849, 48.2924



23.4268, 24.0023, 27.2855



5.3305, 5.4654, 6.3798



7.4744, 3.3673, 22.3017



0.0662, 0.0309, 0.1489

Inverse Universe

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



23.2429, 23.9288, 26.3168



40.7673, 41.8507, 46.0852



23.0248, 24.8692, 25.9294



5.3641, 5.4900, 6.0534



10.2541, 5.2118, 3.8427



0.0750, 0.0374, 0.0619

Previews

White Background



This preview shows how the XYZ color 23.1283, 23.8443, 27.4282 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 23.1283, 23.8443, 27.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

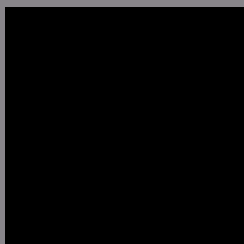
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

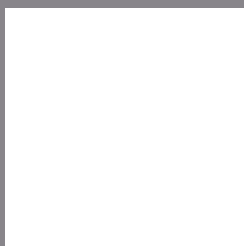
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1283, 23.8443, 27.4282

Background



This preview shows how black text looks on a background with the XYZ color 23.1283, 23.8443, 27.4282.



This preview shows how white text looks on a background with the XYZ color 23.1283, 23.8443,

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

23.1283, 23.8443, 27.4282

Protanopia

22.9666, 23.7609, 27.4206

Deuteranopia

24.3199, 23.8491, 27.7476



Tritanopia

23.5257, 23.8041, 29.3413

Trichromacy



Original Color

23.1283, 23.8443, 27.4282

Protanomaly

22.9666, 23.7609, 27.4206

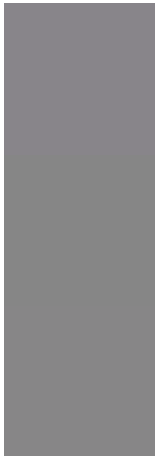
Deuteranomaly

23.9318, 23.8475, 27.7678

Tritanomaly

23.3755, 23.7440, 28.5503

Monochromacy



Original Color

23.1283, 23.8443, 27.4282

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8899, 23.9504, 26.3381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1283, 23.8443, 27.4282 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(136, 133, 138)` looks like.

```
.text, #text, p{  
    color:rgb(136, 133, 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(136, 133, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 133, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.1283, 23.8443, 27.4282 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(136, 133, 138) }
```


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

```
.border{ border-color:rgb(136, 133, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 133, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 133, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 133, 138);  
box-shadow:4px 4px 4px 4px rgb(136, 133,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1283, 23.8443, 27.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 133, 138) }
```

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

```
.background{ background-color: rgb(136,  
133, 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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