

Converting Colors

XYZ(23.0193, 26.4467, 27.9676)

Have a look what the booklet for
XYZ(23.0193, 26.4467, 27.9676)
contains.

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Color

**XYZ(23.0250, 26.3709,
27.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	7C918A
RGB	124, 145, 138
RGB Percent	49%, 57%, 54%
CMY	0.5137, 0.4314, 0.4588
CMYK	0.14, 0.00, 0.05, 0.43
HSL	160°, 9%, 53%
HSV	160°, 14%, 57%
XYZ	23.0250, 26.3709, 27.9213
YIQ	137.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

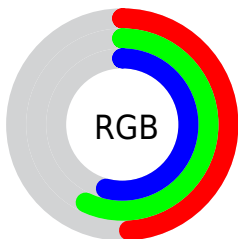
Format	Color
RYB	124, 137, 145
Decimal	8163722
CIELab	58.39, -8.94, 1.19
CIElCh	58, 9.024, 172.419
Yxy	26.3709, 0.2978, 0.3411
Android (android.graphics.Color)	4286353802 (0xFF7C918A)
YUV	137.9230, 0.0380, -12.2105
Hunter-Lab	51.3526, -9.8329, 3.7098

Details

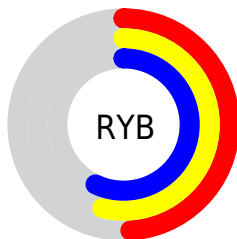
The XYZ color **23.0250, 26.3709, 27.9213** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9824, 22.0743, 24.5233**, and the grayscale version is **24.1314, 25.3881, 27.6476**.

A 20% lighter version of the original color is **47.9589, 53.9555, 57.1770**, and **8.7553, 10.3849, 10.7755** is the 20% darker color. If you saturate the color by 10%, you get **20.7395, 25.2330, 26.0281**, and if you desaturate by 10%, it is **25.6357, 27.6762, 29.9122**.

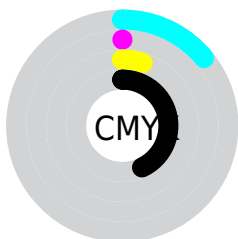
Distribution



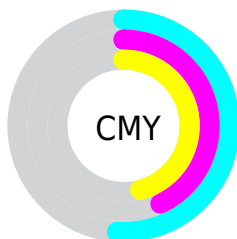
- Red (49%)
- Green (57%)
- Blue (54%)



- Red (49%)
- Yellow (54%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0250, 26.3709, 27.9213 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 23.0250, 26.3709, 27.9213 by changing the saturation by 10% instead.

■ 23.0250, 26.3709,
27.9213

■ 23.0250, 26.3709,
27.9213

260.3863,
284.5981, 305.9908

■ 14.7328, 17.1013,
18.0278

■ 47.9007, 53.8727,
57.3804

■ 8.7171, 10.3068,
10.8003

■ 65.2149, 72.8737,
77.7830

■ 4.6128, 5.6028,
5.8202

■ 86.2672, 95.8873,
102.5258

■ 2.0543, 2.6051,
2.6691

111.4228,
123.2979, 132.0273

■ 0.6642, 0.9292,
0.9278

141.0472,
155.4899, 166.7060

■ 0.0000, 0.0000,
0.0000

175.5056,

192.8476, 206.9804

215.1636,
235.7556, 253.2692

■ 23.0250, 26.3709,
27.9213

■ 23.0250, 26.3709,
27.9213

■ 20.7395, 25.2330,
26.0281

■ 25.6357, 27.6762,
29.9122

■ 18.7634, 24.2520,
24.2291

■ 28.5823, 29.1520,
32.0007

■ 17.0829, 23.4217,
22.5231

■ 31.8774, 30.8057,
34.1888

■ 15.6822, 22.7339,
20.9084

■ 35.5326, 32.6431,
36.4782

■ 14.5440, 22.1797,
19.3831

■ 39.5588, 34.6699,
38.8703

■ 13.6488, 21.7491,
17.9450

■ 43.9665, 36.8915,
41.3665

■ 12.9747, 21.4309,
16.5920

■ 48.7656, 39.3129,
43.9683

■ 12.4938, 21.2105,
15.3216

■ 53.9659, 41.9392,
46.6771

■ 12.2677, 21.1086,
14.6538

■ 59.5767, 44.7751,
49.4941

Harmonies

Analogous

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



23.4248, 26.3709, 25.1735



23.0250, 26.3709, 27.9213



23.1589, 26.3709, 31.0875

Triad

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



23.0250, 26.3709, 27.9213



25.8805, 26.3709, 34.6883



26.3777, 26.3709, 24.1732

Complementary

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



23.0250, 26.3709, 27.9213



22.9824, 22.0743, 24.5233

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.



27.0724, 26.3709, 26.4634



23.0250, 26.3709, 27.9213



26.7795, 26.3709, 32.5706

Square

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



23.0250, 26.3709, 27.9213



24.7866, 26.3709, 35.1499



27.2215, 26.3709, 29.5204



25.3450, 26.3709, 23.1150

Rectangle

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



23.0250, 26.3709, 27.9213



23.5347, 26.3709, 32.9988



27.2215, 26.3709, 29.5204



26.6597, 26.3709, 24.8161

Sweetspot

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



23.0257, 26.3720, 27.9219



46.1073, 49.6614, 53.7122



23.1787, 26.5605, 22.9741



10.1806, 11.0094, 11.8927



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.0257, 26.3720, 27.9219



40.0003, 46.6108, 49.0105



23.0745, 25.6319, 30.5207



5.4848, 6.0862, 6.5191



10.5342, 18.1096, 12.6333



0.1110, 0.1772, 0.1748

Inverse Universe

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



22.9824, 22.0743, 24.5233



39.9092, 37.5681, 41.8606



22.9247, 22.6931, 22.2410



5.4784, 5.4519, 6.0174



10.4906, 5.3533, 2.9690



0.1097, 0.0550, 0.0781

Previews

White Background



This preview shows how the XYZ color 23.0250, 26.3709, 27.9213 looks on a white background.

Color Contrast Check

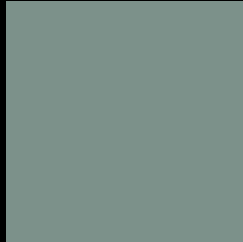
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0250, 26.3709, 27.9213 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

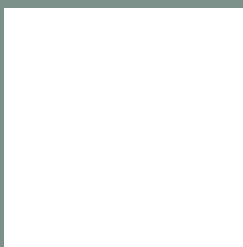
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0250, 26.3709, 27.9213

Background



This preview shows how black text looks on a background with the XYZ color 23.0250, 26.3709, 27.9213.



This preview shows how white text looks on a background with the XYZ color 23.0250, 26.3709,

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

23.0250, 26.3709, 27.9213

Protanopia

25.2529, 26.4347, 26.6931

Deuteranopia

26.8642, 26.3718, 28.4853



Tritanopia

24.4076, 26.4900, 34.3985

Trichromacy



Original Color

23.0250, 26.3709, 27.9213

Protanomaly

24.4335, 26.4419, 27.1086

Deuteranomaly

25.2205, 26.1690, 28.1479

Tritanomaly

23.9227, 26.5203, 31.8750

Monochromacy



Original Color

23.0250, 26.3709, 27.9213

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7852, 25.8713, 27.7848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0250, 26.3709, 27.9213 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(124, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(124, 145, 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(124, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 145, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.0250, 26.3709, 27.9213 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(124, 145, 138) }
```


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

```
.border{ border-color:rgb(124, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(124, 145,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0250, 26.3709, 27.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 145, 138) }
```

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

```
.background{ background-color: rgb(124,  
145, 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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