

Converting Colors

XYZ(23.9109, 26.3437, 29.4158)

Have a look what the booklet for
XYZ(23.9109, 26.3437, 29.4158)
contains.

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Color

**XYZ(23.9109, 26.3437,
29.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	828F8E
RGB	130, 143, 142
RGB Percent	51%, 56%, 56%
CMY	0.4902, 0.4392, 0.4431
CMYK	0.09, 0.00, 0.01, 0.44
HSL	175°, 5%, 54%
HSV	175°, 9%, 56%
XYZ	23.9109, 26.3437, 29.4158
YIQ	138.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

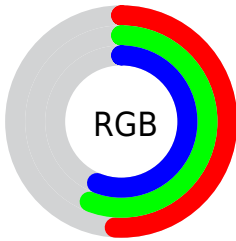
Format	Color
R_{YB}	130, 137, 143
Decimal	8556430
CIE _{Lab}	58.36, -4.89, -1.08
CIE _{LCh}	58, 5.006, 192.477
Yxy	26.3437, 0.3001, 0.3307
Android (android.graphics.Color)	4286746510 (0xFF828F8E)
YUV	138.9990, 1.4795, -7.8921
Hunter-Lab	51.3261, -6.6643, 1.9483

Details

The XYZ color **23.9109, 26.3437, 29.4158** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4080, 23.4444, 24.7655**, and the grayscale version is **24.5374, 25.8152, 28.1128**.

A 20% lighter version of the original color is **49.4585, 53.9853, 60.0380**, and **9.2395, 10.3507, 11.6361** is the 20% darker color. If you saturate the color by 10%, you get **21.7859, 25.2585, 28.8871**, and if you desaturate by 10%, it is **26.3431, 27.5886, 29.9643**.

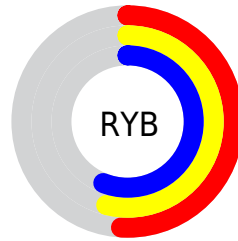
Distribution



Red (51%)

Green (56%)

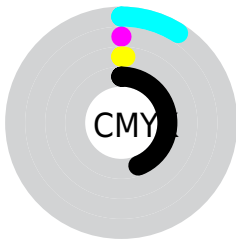
Blue (56%)



Red (51%)

Yellow (54%)

Blue (56%)

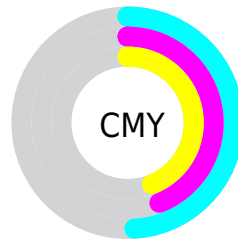


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9109, 26.3437, 29.4158 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 23.9109, 26.3437, 29.4158 by changing the saturation by 10% instead.

■ 23.9109, 26.3437,
29.4158

■ 23.9109, 26.3437,
29.4158

264.8186,
284.4652, 313.2939

■ 15.3919, 17.0809,
19.1473

■ 49.3405, 53.8289,
59.7871

■ 9.1830, 10.2922,
11.5989

■ 66.9818, 72.8201,
80.7270

■ 4.9188, 5.5931,
6.3520

■ 88.3946, 95.8230,
106.0611

■ 2.2340, 2.5993,
2.9880

113.9443,
123.2218, 136.2080

■ 0.7606, 0.9263,
1.0885

143.9962,
155.4011, 171.5862

■ 0.0000, 0.0000,
0.0000

178.9156,

192.7451, 212.6142

219.0679,
235.6384, 259.7106

■ 23.9109, 26.3437,
29.4158

■ 23.9109, 26.3437,
29.4158

■ 21.7859, 25.2585,
28.8871

■ 26.3431, 27.5886,
29.9643

■ 19.9534, 24.3232,
28.3757

■ 29.0920, 28.9961,
30.5313

■ 18.4007, 23.5321,
27.8817

■ 32.1695, 30.5728,
31.1181

■ 17.1135, 22.8777,
27.4044

■ 35.5863, 32.3243,
31.7250

■ 16.0760, 22.3520,
26.9429

■ 39.3525, 34.2559,
32.3525

■ 15.2708, 21.9460,
26.4966

■ 43.4778, 36.3724,
33.0013

■ 14.6785, 21.6496,
26.0644

■ 47.9715, 38.6788,
33.6716

■ 14.2762, 21.4511,
25.6453

■ 52.8426, 41.1797,
34.3639

■ 14.0097, 21.3224,
25.2367

■ 56.7238, 43.1702,
35.0142

Harmonies

Analogous

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



23.9368, 26.3437, 27.6841



23.9109, 26.3437, 29.4158



24.1836, 26.3437, 31.0129

Triad

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



23.9109, 26.3437, 29.4158



25.8395, 26.3437, 31.2337



25.3938, 26.3437, 25.5979

Complementary

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



23.9109, 26.3437, 29.4158



23.4080, 23.4444, 24.7655

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.



25.9141, 26.3437, 26.4744



23.9109, 26.3437, 29.4158



26.1743, 26.3437, 29.7073

Square

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



23.9109, 26.3437, 29.4158



25.2932, 26.3437, 32.0907



26.2018, 26.3437, 27.9641



24.7863, 26.3437, 25.5270

Rectangle

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



23.9109, 26.3437, 29.4158



24.5007, 26.3437, 31.7676



26.2018, 26.3437, 27.9641



25.5849, 26.3437, 25.8064

Sweetspot

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



23.9117, 26.3448, 29.4164



45.3780, 48.4856, 53.2652



23.2255, 26.0897, 24.9314



10.3296, 11.0797, 12.1978



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.



23.9117, 26.3448, 29.4164



41.9599, 46.7375, 52.4721



23.1935, 24.7875, 29.5498



5.5426, 6.1093, 6.8231



12.3697, 18.8437, 22.2985



0.1217, 0.1815, 0.2314

Inverse Universe

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



23.4080, 23.4444, 24.7655



40.8614, 40.4111, 42.3277



24.0801, 24.8967, 24.6561



5.4247, 5.4304, 5.7345



10.0729, 5.1862, 0.7693



0.0990, 0.0507, 0.0215

Previews

White Background



This preview shows how the XYZ color 23.9109, 26.3437, 29.4158 looks on a white background.

Color Contrast Check

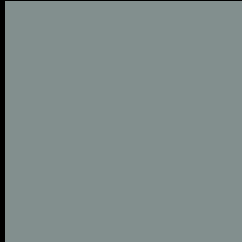
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9109, 26.3437, 29.4158 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

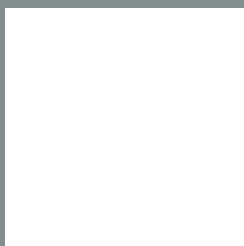
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9109, 26.3437, 29.4158

Background



This preview shows how black text looks on a background with the XYZ color 23.9109, 26.3437, 29.4158.



This preview shows how white text looks on a background with the XYZ color 23.9109, 26.3437,

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

23.9109, 26.3437, 29.4158

Protanopia

25.2939, 26.1983, 28.5346

Deuteranopia

26.7110, 26.2669, 29.6488



Tritanopia

24.7904, 26.2552, 33.8982

Trichromacy



Original Color

23.9109, 26.3437, 29.4158

Protanomaly

24.6670, 26.0825, 28.9336

Deuteranomaly

25.6921, 26.3777, 29.7239

Tritanomaly

24.4579, 26.3412, 32.2291

Monochromacy



Original Color

23.9109, 26.3437, 29.4158

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2651, 25.8839, 28.5281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9109, 26.3437, 29.4158 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, 143, 142)` looks like.

```
.text, #text, p{  
    color:rgb(130, 143, 142)  
}
```

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, 143, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 143, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.9109, 26.3437, 29.4158 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, 143, 142) }
```


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

```
.border{ border-color:rgb(130, 143, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 143, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 143, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 143, 142);  
box-shadow:4px 4px 4px 4px rgb(130, 143,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9109, 26.3437, 29.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 143, 142) }
```

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

```
.background{ background-color: rgb(130,  
143, 142) }
```

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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