

Converting Colors

XYZ(23.2554, 26.2945, 29.9315)

Have a look what the booklet for
XYZ(23.2554, 26.2945, 29.9315)
contains.

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Color

**XYZ(23.2434, 26.2148,
29.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	7C908F
RGB	124, 144, 143
RGB Percent	49%, 56%, 56%
CMY	0.5137, 0.4353, 0.4392
CMYK	0.14, 0.00, 0.01, 0.44
HSL	177°, 8%, 53%
HSV	177°, 14%, 56%
XYZ	23.2434, 26.2148, 29.8215
YIQ	137.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

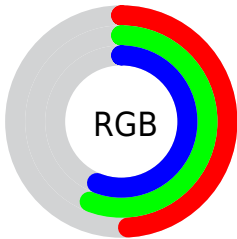
Format	Color
RYB	124, 134, 144
Decimal	8163471
CIELab	58.24, -7.33, -1.88
CIElCh	58, 7.567, 194.407
Yxy	26.2148, 0.2932, 0.3307
Android (android.graphics.Color)	4286353551 (0xFF7C908F)
YUV	137.9060, 2.5113, -12.1956
Hunter-Lab	51.2004, -8.5672, 1.3070

Details

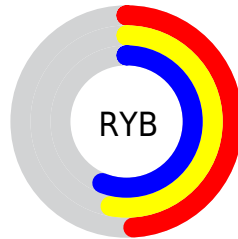
The XYZ color **23.2434, 26.2148, 29.8215** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4119, 21.8260, 22.4349**, and the grayscale version is **24.1162, 25.3721, 27.6302**.

A 20% lighter version of the original color is **48.4036, 53.7665, 60.6502**, and **8.8801, 10.2916, 11.8744** is the 20% darker color. If you saturate the color by 10%, you get **21.2581, 25.1984, 29.4447**, and if you desaturate by 10%, it is **25.5345, 27.3902, 30.2155**.

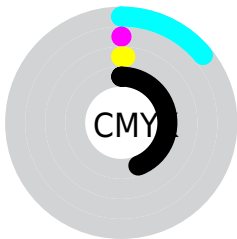
Distribution



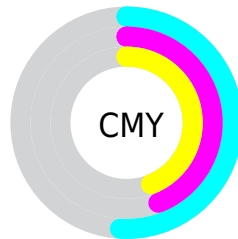
- Red (49%)
- Green (56%)
- Blue (56%)



- Red (49%)
- Yellow (53%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2434, 26.2148, 29.8215 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 23.2434, 26.2148, 29.8215 by changing the saturation by 10% instead.

■ 23.2434, 26.2148,
29.8215

■ 23.2434, 26.2148,
29.8215

261.4847,
283.8349, 315.2529

■ 14.8950, 16.9844,
19.4522

■ 48.2564, 53.6213,
60.4374

■ 8.8316, 10.2234,
11.8174

■ 65.6517, 72.5661,
81.5212

■ 4.6877, 5.5473,
6.4984

■ 86.7934, 95.5179,
107.0135

■ 2.0981, 2.5718,
3.0768

112.0468,
122.8611, 137.3330

■ 0.6882, 0.9125,
1.1340

141.7773,
154.9800, 172.8981

■ 0.0000, 0.0000,
0.0000

176.3502,

192.2590, 214.1275

216.1309,
235.0825, 261.4395

■ 23.2434, 26.2148,
29.8215

■ 23.2434, 26.2148,
29.8215

■ 21.2581, 25.1984,
29.4447

■ 25.5345, 27.3902,
30.2155

■ 19.5633, 24.3309,
29.0828

■ 28.1414, 28.7278,
30.6257

■ 18.1456, 23.6062,
28.7356

■ 31.0765, 30.2345,
31.0530

■ 16.9897, 23.0165,
28.4026

■ 34.3510, 31.9161,
31.4980

■ 16.0789, 22.5532,
28.0828

■ 37.9753, 33.7780,
31.9613

■ 15.3946, 22.2065,
27.7755

■ 41.9595, 35.8254,
32.4433

■ 14.9155, 21.9656,
27.4796

■ 46.3133, 38.0633,
32.9444

■ 14.6157, 21.8170,
27.1938

■ 51.0460, 40.4964,
33.4651

■ 14.4739, 21.7476,
27.0221

■ 56.1666, 43.1295,
34.0058

Harmonies

Analogous

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



23.2524, 26.2148, 27.2043



23.2434, 26.2148, 29.8215



23.6749, 26.2148, 32.2340

Triad

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



23.2434, 26.2148, 29.8215



26.1737, 26.2148, 32.3145



25.3945, 26.2148, 23.9402

Complementary

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



23.2434, 26.2148, 29.8215



22.4119, 21.8260, 22.4349

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.



26.2005, 26.2148, 25.1459



23.2434, 26.2148, 29.8215



26.6579, 26.2148, 29.9259

Square

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



23.2434, 26.2148, 29.8215



25.3587, 26.2148, 33.7322



26.6678, 26.2148, 27.3025



24.4792, 26.2148, 23.9161

Rectangle

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



23.2434, 26.2148, 29.8215



24.1606, 26.2148, 33.3564



26.6678, 26.2148, 27.3025



25.6877, 26.2148, 24.2173

Sweetspot

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



23.2442, 26.2159, 29.8221



44.9518, 48.2652, 53.2770



22.1184, 25.7880, 22.8811



10.2402, 11.0333, 12.2063



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.



23.2442, 26.2159, 29.8221



39.7242, 45.5851, 52.3633



22.0576, 23.7207, 29.8028



5.5488, 6.1117, 6.8556



12.6062, 18.9383, 23.5439



0.1228, 0.1820, 0.2373

Inverse Universe

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



22.4119, 21.8260, 22.4349



37.9336, 36.1393, 36.4688



23.4826, 24.0694, 22.4775



5.4192, 5.4282, 5.7053



10.0529, 5.1782, 0.6641



0.0979, 0.0502, 0.0155

Previews

White Background



This preview shows how the XYZ color 23.2434, 26.2148, 29.8215 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 23.2434, 26.2148, 29.8215 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

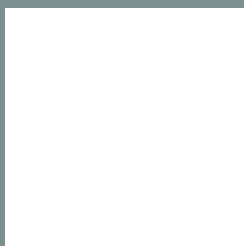
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2434, 26.2148, 29.8215

Background



This preview shows how black text looks on a background with the XYZ color 23.2434, 26.2148, 29.8215.



This preview shows how white text looks on a background with the XYZ color 23.2434, 26.2148,

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

23.2434, 26.2148, 29.8215

Protanopia

25.1216, 26.1095, 28.5265

Deuteranopia

26.6775, 26.2320, 30.4453



Tritanopia

24.1099, 26.1147, 34.3418

Trichromacy



Original Color

23.2434, 26.2148, 29.8215

Protanomaly

24.3243, 26.1237, 28.9597

Deuteranomaly

25.2512, 26.1416, 30.1005

Tritanomaly

23.7849, 26.2069, 32.6590

Monochromacy



Original Color

23.2434, 26.2148, 29.8215

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7846, 25.6362, 28.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2434, 26.2148, 29.8215 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, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 144, 143)  
}
```

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, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 144, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.2434, 26.2148, 29.8215 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, 144, 143) }
```


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

```
.border{ border-color:rgb(124, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 144,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2434, 26.2148, 29.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 144, 143) }
```

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

```
.background{ background-color: rgb(124,  
144, 143) }
```

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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