

Converting Colors

XYZ(23.7978, 26.0506, 28.3659)

Have a look what the booklet for
XYZ(23.7978, 26.0506, 28.3659)
contains.

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Color

**XYZ(23.8489, 26.1156,
28.2099)**

Conversions

Conversions Part 1

Format	Color
Hex	848E8B
RGB	132, 142, 139
RGB Percent	52%, 56%, 55%
CMY	0.4823, 0.4431, 0.4549
CMYK	0.07, 0.00, 0.02, 0.44
HSL	162°, 4%, 54%
HSV	162°, 7%, 56%
XYZ	23.8489, 26.1156, 28.2099
YIQ	138.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

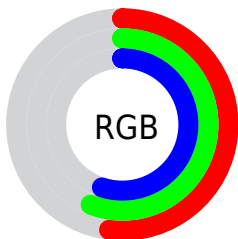
Format	Color
R_{YB}	132, 138, 142
Decimal	8687243
CIE _{Lab}	58.15, -4.23, 0.34
CIE _{LCh}	58, 4.246, 175.422
Yxy	26.1156, 0.3051, 0.3341
Android (android.graphics.Color)	4286877323 (0xFF848E8B)
YUV	138.6680, 0.1637, -5.8478
Hunter-Lab	51.1034, -6.1288, 3.0434

Details

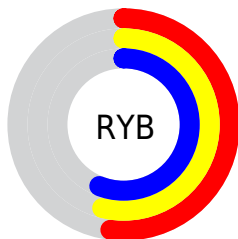
The XYZ color **23.8489, 26.1156, 28.2099** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7807, 24.0032, 26.3026**, and the grayscale version is **24.4144, 25.6858, 27.9718**.

A 20% lighter version of the original color is **49.2619, 53.5999, 57.6186**, and **9.1976, 10.2146, 10.9380** is the 20% darker color. If you saturate the color by 10%, you get **21.4724, 24.9265, 26.5048**, and if you desaturate by 10%, it is **26.5413, 27.4676, 29.9943**.

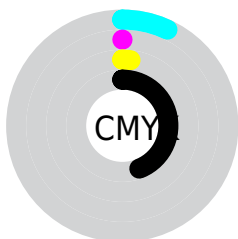
Distribution



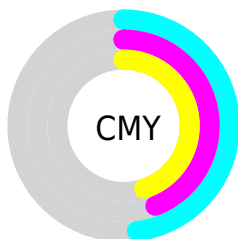
- Red (52%)
- Green (56%)
- Blue (55%)



- Red (52%)
- Yellow (54%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (48%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8489, 26.1156, 28.2099 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 23.8489, 26.1156, 28.2099 by changing the saturation by 10% instead.

■ 23.8489, 26.1156,
28.2099

■ 23.8489, 26.1156,
28.2099

264.5104,
283.3491, 307.4120

■ 15.3457, 16.9101,
18.2435

■ 49.2400, 53.4614,
57.8465

■ 9.1503, 10.1704,
10.9537

■ 66.8586, 72.3705,
78.3538

■ 4.8972, 5.5121,
5.9219

■ 88.2464, 95.2829,
103.2119

■ 2.2212, 2.5508,
2.7297

113.7687,
122.5831, 132.8392

■ 0.7539, 0.9020,
0.9583

143.7909,
154.6554, 167.6543

■ 0.0000, 0.0000,
0.0000

178.6783,

191.8843, 208.0758

218.7964,
234.6540, 254.5222

■ 23.8489, 26.1156,
28.2099

■ 23.8489, 26.1156,
28.2099

■ 21.4724, 24.9265,
26.5048

■ 26.5413, 27.4676,
29.9943

■ 19.3974, 23.8907,
24.8760

■ 29.5590, 28.9852,
31.8574

■ 17.6115, 23.0026,
23.3227

■ 32.9137, 30.6750,
33.8011

■ 16.1006, 22.2548,
21.8435

■ 36.6158, 32.5426,
35.8266

■ 14.8495, 21.6397,
20.4369

■ 40.6754, 34.5929,
37.9349

■ 13.8412, 21.1484,
19.1014

■ 45.1021, 36.8310,
40.1272

■ 13.0571, 20.7714,
17.8353

■ 49.9051, 39.2616,
42.4045

■ 12.4752, 20.4973,
16.6368

■ 55.0932, 41.8893,
44.7680

■ 12.0573, 20.3066,
15.5034

■ 58.8856, 43.7958,
47.1349

Harmonies

Analogous

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



24.0164, 26.1156, 26.8575



23.8489, 26.1156, 28.2099



23.9392, 26.1156, 29.6692

Triad

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



23.8489, 26.1156, 28.2099



25.2492, 26.1156, 31.0721



25.3878, 26.1156, 26.1657

Complementary

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



23.8489, 26.1156, 28.2099



23.7807, 24.0032, 26.3026

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.



25.7264, 26.1156, 27.2364



23.8489, 26.1156, 28.2099



25.6456, 26.1156, 30.0740

Square

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



23.8489, 26.1156, 28.2099



24.7432, 26.1156, 31.3544



25.8214, 26.1156, 28.6622



24.9011, 26.1156, 25.7035

Rectangle

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



23.8489, 26.1156, 28.2099



24.1341, 26.1156, 30.5018



25.8214, 26.1156, 28.6622



25.5230, 26.1156, 26.4646

Sweetspot

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



23.8496, 26.1167, 28.2105



44.3582, 47.2077, 51.3002



23.8572, 26.1778, 25.6256



9.9219, 10.5512, 11.4676



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.8496, 26.1167, 28.2105



41.5569, 45.8027, 49.3998



23.8015, 25.6645, 29.2918



5.4922, 6.0891, 6.5580



10.7315, 18.1885, 13.6723



0.1124, 0.1778, 0.1821

Inverse Universe

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



23.7807, 24.0032, 26.3026



41.4170, 41.5138, 45.5282



23.8231, 24.4216, 25.2884



5.4714, 5.4491, 5.9802



10.4086, 5.3204, 2.5368



0.1083, 0.0544, 0.0707

Previews

White Background



This preview shows how the XYZ color 23.8489, 26.1156, 28.2099 looks on a white background.

Color Contrast Check

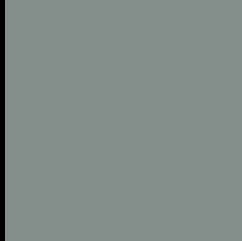
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8489, 26.1156, 28.2099 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

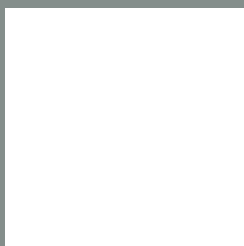
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8489, 26.1156, 28.2099

Background



This preview shows how black text looks on a background with the XYZ color 23.8489, 26.1156, 28.2099.



This preview shows how white text looks on a background with the XYZ color 23.8489, 26.1156,

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

23.8489, 26.1156, 28.2099

Protanopia

25.0757, 26.1110, 27.3852

Deuteranopia

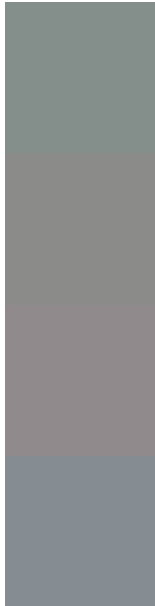
26.5345, 25.9937, 28.4297



Tritanopia

24.7955, 26.0589, 33.0012

Trichromacy



Original Color

23.8489, 26.1156, 28.2099

Protanomaly

24.6130, 26.0801, 27.7815

Deuteranomaly

25.4992, 26.0901, 28.5029

Tritanomaly

24.4642, 26.1429, 31.3604

Monochromacy



Original Color

23.8489, 26.1156, 28.2099

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1916, 25.8545, 28.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8489, 26.1156, 28.2099 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(132, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(132, 142, 139)  
}
```

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(132, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 142, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.8489, 26.1156, 28.2099 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(132, 142, 139) }
```


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

```
.border{ border-color:rgb(132, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(132, 142,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8489, 26.1156, 28.2099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 142, 139) }
```

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

```
.background{ background-color: rgb(132,  
142, 139) }
```

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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