

Converting Colors

XYZ(23.8687, 24.6484, 28.4073)

Have a look what the booklet for
XYZ(23.8687, 24.6484, 28.4073)
contains.

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Color

**XYZ(23.8788, 24.6247,
28.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	8A878C
RGB	138, 135, 140
RGB Percent	54%, 53%, 55%
CMY	0.4588, 0.4706, 0.4510
CMYK	0.01, 0.04, 0.00, 0.45
HSL	276°, 2%, 54%
HSV	276°, 4%, 55%
XYZ	23.8788, 24.6247, 28.3054
YIQ	136.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

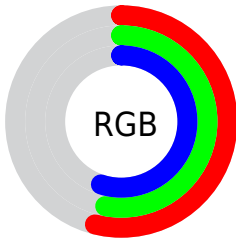
Format	Color
RYB	138, 135, 140
Decimal	9078668
CIELab	56.71, 2.10, -2.29
CIElCh	57, 3.104, 312.586
Yxy	24.6247, 0.3109, 0.3206
Android (android.graphics.Color)	4287268748 (0xFF8A878C)
YUV	136.4670, 1.7418, 1.3444
Hunter-Lab	49.6233, -0.9463, 0.9169

Details

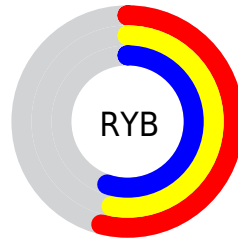
The XYZ color **23.8788, 24.6247, 28.3054** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0688, 25.8245, 26.6391**, and the grayscale version is **23.5712, 24.7987, 27.0058**.

A 20% lighter version of the original color is **49.2067, 50.9378, 58.2775**, and **9.1185, 9.3099, 10.9893** is the 20% darker color. If you saturate the color by 10%, you get **21.1494, 20.5067, 27.6548**, and if you desaturate by 10%, it is **26.9143, 29.2833, 29.0450**.

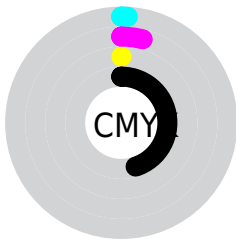
Distribution



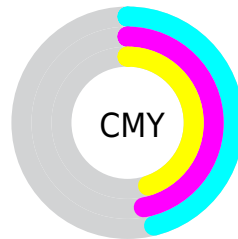
- Red (54%)
- Green (53%)
- Blue (55%)



- Red (54%)
- Yellow (53%)
- Blue (55%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8788, 24.6247, 28.3054 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 23.8788, 24.6247, 28.3054 by changing the saturation by 10% instead.

■ 23.8788, 24.6247,
28.3054

■ 23.8788, 24.6247,
28.3054

264.6590,
275.9637, 307.8811

■ 15.3680, 15.7977,
18.3150

■ 49.2885, 51.0477,
58.0006

■ 9.1660, 9.3811,
11.0046

■ 66.9180, 69.4125,
78.5425

■ 4.9076, 4.9906,
5.9557

■ 88.3179, 91.7253,
103.4385

■ 2.2274, 2.2417,
2.7498

113.8534,
118.3706, 133.1074

■ 0.7571, 0.7426,
0.9683

143.8899,
149.7326, 167.9675

■ 0.0000, 0.0000,
0.0000

178.7928,

186.1959, 208.4375

218.9274,
228.1448, 254.9358

■ 23.8788, 24.6247,
28.3054

■ 23.8788, 24.6247,
28.3054

■ 21.1494, 20.5067,
27.6548

■ 26.9143, 29.2833,
29.0450

■ 18.7134, 16.9058,
27.0881

■ 30.2640, 34.4983,
29.8750

■ 16.5601, 13.8014,
26.6024

■ 33.9380, 40.2892,
30.7991

■ 14.6775, 11.1706,
26.1938

■ 37.9457, 46.6733,
31.8202

■ 13.0524, 8.9883,
25.8583

■ 42.2958, 53.6671,
32.9408

■ 11.6706, 7.2272,
25.5911

■ 46.9968, 61.2867,
34.1638

■ 10.5164, 5.8568,
25.3875

■ 52.0568, 69.5474,
35.4916

■ 9.5717, 4.8425,
25.2415

■ 57.4837, 78.4641,
36.9266

■ 8.8151, 4.1426,
25.1463

■ 61.3397, 84.1600,
37.8228

Harmonies

Analogous

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



23.5569, 24.6247, 28.8033



23.8788, 24.6247, 28.3054



24.0749, 24.6247, 27.4126

Triad

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



23.8788, 24.6247, 28.3054



23.6138, 24.6247, 24.9563



22.7329, 24.6247, 27.2485

Complementary

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



23.8788, 24.6247, 28.3054



24.0688, 25.8245, 26.6391

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.



22.7477, 24.6247, 26.2205



23.8788, 24.6247, 28.3054



23.2538, 24.6247, 24.9149

Square

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



23.8788, 24.6247, 28.3054



23.9208, 24.6247, 25.4868



22.9376, 24.6247, 25.3723



22.8967, 24.6247, 28.1826

Rectangle

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



23.8788, 24.6247, 28.3054



24.1067, 24.6247, 26.7223



22.9376, 24.6247, 25.3723



22.7172, 24.6247, 26.9021

Sweetspot

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



23.8795, 24.6258, 28.3059



43.4120, 45.4169, 50.2213



23.6838, 24.9604, 28.3808



10.0112, 10.4774, 11.5741



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.



23.8795, 24.6258, 28.3059



41.8394, 43.0191, 49.8413



24.1829, 24.7857, 28.1601



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.



23.9955, 24.7107, 27.1733



42.0734, 43.1904, 47.5609



23.7733, 25.6687, 26.7786



5.3641, 5.4900, 6.0534



10.2541, 5.2118, 3.8426



0.0750, 0.0374, 0.0619

Previews

White Background



This preview shows how the XYZ color 23.8788, 24.6247, 28.3054 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 23.8788, 24.6247, 28.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

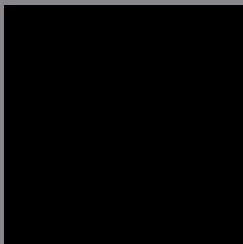
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

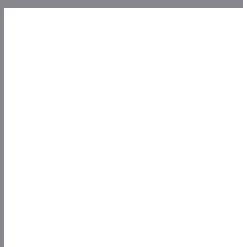
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8788, 24.6247, 28.3054

Background



This preview shows how black text looks on a background with the XYZ color 23.8788, 24.6247, 28.3054.

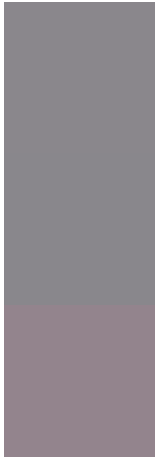


This preview shows how white text looks on a background with the XYZ color 23.8788, 24.6247,

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

23.8788, 24.6247, 28.3054

Protanopia

23.7141, 24.5398, 28.2977

Deuteranopia

25.0916, 24.6287, 28.6306



Tritanopia

24.2834, 24.5835, 30.2533

Trichromacy



Original Color

23.8788, 24.6247, 28.3054

Protanomaly

23.7141, 24.5398, 28.2977

Deuteranomaly

24.6968, 24.6274, 28.6512

Tritanomaly

24.1305, 24.5223, 29.4481

Monochromacy



Original Color

23.8788, 24.6247, 28.3054

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6360, 24.7328, 27.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8788, 24.6247, 28.3054 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(138, 135, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 135, 140)  
}
```

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(138, 135, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 135, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.8788, 24.6247, 28.3054 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(138, 135, 140) }
```


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

```
.border{ border-color:rgb(138, 135, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 135, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 135, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 135, 140);  
box-shadow:4px 4px 4px 4px rgb(138, 135,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8788, 24.6247, 28.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 135, 140) }
```

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

```
.background{ background-color: rgb(138,  
135, 140) }
```

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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