

Converting Colors

XYZ(23.5250, 23.8030, 29.3385)

Have a look what the booklet for
XYZ(23.5250, 23.8030, 29.3385)
contains.

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Color

**XYZ(23.5257, 23.8041,
29.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	89848F
RGB	137, 132, 143
RGB Percent	54%, 52%, 56%
CMY	0.4627, 0.4823, 0.4392
CMYK	0.04, 0.08, 0.00, 0.44
HSL	267°, 5%, 54%
HSV	267°, 8%, 56%
XYZ	23.5257, 23.8041, 29.3413
YIQ	134.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

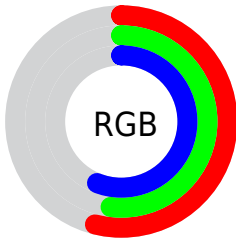
Format	Color
R_{YB}	137, 132, 143
Decimal	9012367
CIE Lab	55.89, 4.06, -5.23
CIE LCh	56, 6.622, 307.799
Yxy	23.8041, 0.3068, 0.3105
Android (android.graphics.Color)	4287202447 (0xFF89848F)
YUV	134.7490, 4.0677, 1.9741
Hunter-Lab	48.7894, 0.6891, -1.5036

Details

The XYZ color **23.5257, 23.8041, 29.3413** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4695, 26.7148, 25.6979**, and the grayscale version is **22.9223, 24.1161, 26.2624**.

A 20% lighter version of the original color is **48.6622, 49.6763, 59.8470**, and **8.9995, 9.0031, 11.6194** is the 20% darker color. If you saturate the color by 10%, you get **20.4850, 19.5530, 28.6814**, and if you desaturate by 10%, it is **26.9261, 28.6365, 30.0952**.

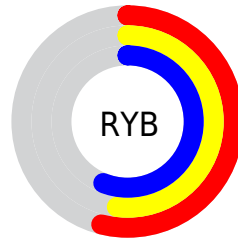
Distribution



Red (54%)

Green (52%)

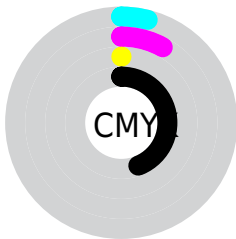
Blue (56%)



Red (54%)

Yellow (52%)

Blue (56%)

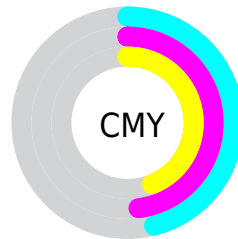


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (46%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5257, 23.8041, 29.3413 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 23.5257, 23.8041, 29.3413 by changing the saturation by 10% instead.

■ 23.5257, 23.8041,
29.3413

■ 23.5257, 23.8041,
29.3413

262.8989,
271.8286, 312.9331

■ 15.1050, 15.1884,
19.0914

■ 48.7154, 49.7103,
59.6675

■ 8.9799, 8.9517,
11.5588

■ 66.2152, 67.7696,
80.5809

■ 4.7851, 4.7097,
6.3252

■ 87.4719, 89.7455,
105.8859

■ 2.1552, 2.0780,
2.9718

112.8511,
116.0225, 136.0010

■ 0.7189, 0.6522,
1.0803

142.7180,
146.9849, 171.3447

■ 0.0000, 0.0000,
0.0000

177.4381,

183.0171, 212.3356

217.3766,
224.5035, 259.3922

■ 23.5257, 23.8041,
29.3413

■ 23.5257, 23.8041,
29.3413

■ 20.4850, 19.5530,
28.6814

■ 26.9261, 28.6365,
30.0952

■ 17.7893, 15.8578,
28.1102

■ 30.6961, 34.0686,
30.9450

■ 15.4258, 12.6954,
27.6244

■ 34.8479, 40.1213,
31.8945

■ 13.3800, 10.0402,
27.2197

■ 39.3924, 46.8139,
32.9467

■ 11.6363, 7.8640,
26.8916

■ 44.3401, 54.1649,
34.1048

10.1778, 6.1362,
26.6349

49.7010, 62.1917,
35.3716

8.9853, 4.8222,
26.4442

55.4848, 70.9113,
36.7498

8.0372, 3.8822,
26.3127

61.7008, 80.3402,
38.2422

7.2937, 3.2405,
26.2280

66.5114, 86.8002,
39.2355

Harmonies

Analogous

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



22.8225, 23.8041, 30.2556



23.5257, 23.8041, 29.3413



23.9947, 23.8041, 27.5201

Triad

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



23.5257, 23.8041, 29.3413



23.1776, 23.8041, 22.2599



21.2183, 23.8041, 26.4864

Complementary

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



23.5257, 23.8041, 29.3413



24.4695, 26.7148, 25.6979

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.



21.3086, 23.8041, 24.3805



23.5257, 23.8041, 29.3413



22.4288, 23.8041, 22.0172

Square

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



23.5257, 23.8041, 29.3413



23.7906, 23.8041, 23.4552



21.7477, 23.8041, 22.7730



21.4983, 23.8041, 28.5487

Rectangle

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



23.5257, 23.8041, 29.3413



24.1056, 23.8041, 26.0785



21.7477, 23.8041, 22.7730



21.2065, 23.8041, 25.7594

Sweetspot

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



23.5264, 23.8051, 29.3418



45.4900, 47.3876, 53.2872



23.5702, 25.0809, 29.5858



10.4502, 10.8931, 12.2240



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.



23.5264, 23.8051, 29.3418



41.2743, 41.4235, 52.3582



24.4426, 24.2774, 29.3847



5.3478, 5.3675, 6.7829



6.3337, 2.7588, 23.1757



0.0854, 0.0392, 0.2227

Inverse Universe

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



24.1673, 24.1783, 27.4392



42.6379, 42.2176, 48.3043



23.5902, 26.2615, 25.6567



5.5242, 5.4702, 6.2585



11.2430, 5.6542, 6.9310



0.1186, 0.0585, 0.1249

Previews

White Background



This preview shows how the XYZ color 23.5257, 23.8041, 29.3413 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 23.5257, 23.8041, 29.3413 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 23.5257, 23.8041, 29.3413

Background



This preview shows how black text looks on a background with the XYZ color 23.5257, 23.8041, 29.3413.

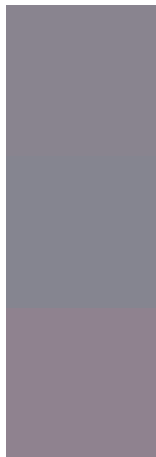


This preview shows how white text looks on a background with the XYZ color 23.5257, 23.8041,

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

23.5257, 23.8041, 29.3413

Protanopia

23.0944, 23.7752, 29.7574

Deuteranopia

24.2682, 23.7881, 29.2991



Tritanopia

23.5257, 23.8041, 29.3413

Trichromacy



Original Color

23.5257, 23.8041, 29.3413

Protanomaly

23.2531, 23.8570, 29.7649

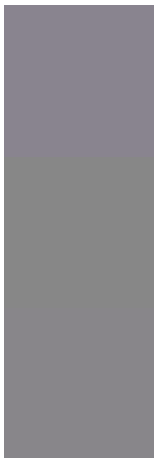
Deuteranomaly

24.0587, 23.8785, 29.3276

Tritanomaly

23.5257, 23.8041, 29.3413

Monochromacy



Original Color

23.5257, 23.8041, 29.3413

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2659, 24.1194, 27.4740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5257, 23.8041, 29.3413 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(137, 132, 143)` looks like.

```
.text, #text, p{  
    color:rgb(137, 132, 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(137, 132, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 132, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.5257, 23.8041, 29.3413 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(137, 132, 143) }
```


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

```
.border{ border-color:rgb(137, 132, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 132, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 132, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 132, 143);  
box-shadow:4px 4px 4px 4px rgb(137, 132,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5257, 23.8041, 29.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 132, 143) }
```

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

```
.background{ background-color: rgb(137,  
132, 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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