

Converting Colors

XYZ(24.2078, 23.8871, 23.4135)

Have a look what the booklet for
XYZ(24.2078, 23.8871, 23.4135)
contains.

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Color

**XYZ(24.2078, 23.8871,
23.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	95827F
RGB	149, 130, 127
RGB Percent	58%, 51%, 50%
CMY	0.4157, 0.4902, 0.5020
CMYK	0.00, 0.13, 0.15, 0.42
HSL	8°, 9%, 54%
HSV	8°, 15%, 58%
XYZ	24.2078, 23.8871, 23.4135
YIQ	135.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

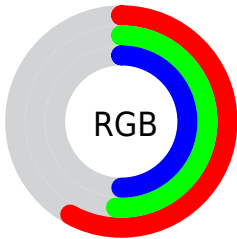
Format	Color
R_{YB}	149, 130, 127
Decimal	9798271
CIE _{Lab}	55.97, 6.70, 4.27
CIE _{LCh}	56, 7.950, 32.516
Yxy	23.8871, 0.3385, 0.3340
Android (android.graphics.Color)	4287988351 (0xFF95827F)
YUV	135.3390, -4.1111, 11.9807
Hunter-Lab	48.8744, 2.8819, 5.8090

Details

The XYZ color **24.2078, 23.8871, 23.4135** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4560, 27.2392, 32.4027**, and the grayscale version is **23.1672, 24.3737, 26.5429**.

A 20% lighter version of the original color is **49.8003, 49.8588, 50.1790**, and **9.3546, 9.0316, 8.4580** is the 20% darker color. If you saturate the color by 10%, you get **21.7021, 20.3163, 18.1364**, and if you desaturate by 10%, it is **27.0725, 27.9456, 29.5194**.

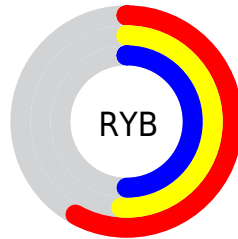
Distribution



Red (58%)

Green (51%)

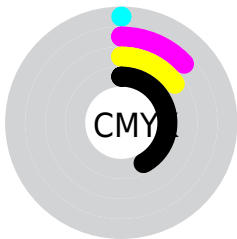
Blue (50%)



Red (58%)

Yellow (51%)

Blue (50%)

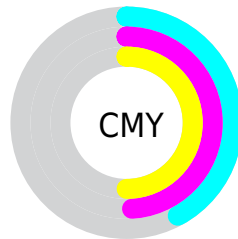


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2078, 23.8871, 23.4135 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 24.2078, 23.8871, 23.4135 by changing the saturation by 10% instead.

■ 24.2078, 23.8871,
23.4135

■ 24.2078, 23.8871,
23.4135

266.2904,
272.2492, 283.0322

■ 15.6134, 15.2499,
14.6910

■ 49.8213, 49.8459,
50.0032

■ 9.3401, 8.9950,
8.4586

■ 67.5711, 67.9363,
68.7074

■ 5.0226, 4.7379,
4.2978

■ 89.1035, 89.9465,
91.5759

■ 2.2954, 2.0943,
1.7901

114.7837,
116.2610, 119.0273

■ 0.7923, 0.6614,
0.4214

144.9771,
147.2641, 151.4801

■ 0.0000, 0.0000,
0.0000

180.0491,

183.3402, 189.3528

220.3651,
224.8738, 233.0640

■ 24.2078, 23.8871,
23.4135

■ 24.2078, 23.8871,
23.4135

■ 21.7021, 20.3163,
18.1364

■ 27.0725, 27.9456,
29.5194

■ 19.5392, 17.2116,
13.6508

■ 30.3076, 32.5057,
36.4862

■ 17.7047, 14.5549,
9.9191

■ 33.9264, 37.5851,
44.3460

■ 16.1825, 12.3252,
6.8996

■ 37.9410, 43.1994,
53.1288

■ 14.9548, 10.5002,
4.5468

■ 42.3628, 49.3635,
62.8634

■ 14.0022, 9.0554,
2.8100

■ 47.2030, 56.0920,
73.5771

■ 13.3029, 7.9637,
1.6310

■ 52.4722, 63.3987,
85.2963

■ 12.8308, 7.1939,
0.9363

■ 58.1806, 71.2970,
98.0462

■ 12.6506, 6.9019,
0.6654

■ 63.3400, 79.4006,
106.5952

Harmonies

Analogous

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



24.4927, 23.8871, 25.7902



24.2078, 23.8871, 23.4135



23.5190, 23.8871, 21.8217

Triad

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



24.2078, 23.8871, 23.4135



21.1905, 23.8871, 23.7696



22.7807, 23.8871, 31.3293

Complementary

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



24.2078, 23.8871, 23.4135



24.4560, 27.2392, 32.4027

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.



21.9080, 23.8871, 30.7003



24.2078, 23.8871, 23.4135



21.0045, 23.8871, 26.2290

Square

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



24.2078, 23.8871, 23.4135



21.7786, 23.8871, 22.0175



21.2638, 23.8871, 28.7895



23.6552, 23.8871, 30.4559

Rectangle

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



24.2078, 23.8871, 23.4135



22.9321, 23.8871, 21.3610



21.2638, 23.8871, 28.7895



22.4774, 23.8871, 31.2866

Sweetspot

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



24.2085, 23.8882, 23.4140



48.8577, 50.5757, 53.6682



25.1776, 23.6460, 30.4587



10.7428, 11.0885, 11.7119



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.2085, 23.8882, 23.4140



41.6653, 40.3786, 38.3605



25.7405, 26.9522, 23.9247



5.8609, 5.9355, 6.0772



10.6611, 5.8365, 0.5647



0.1428, 0.0960, 0.0110

Inverse Universe

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



24.4560, 27.2392, 32.4027



42.2025, 47.6604, 57.8963



22.8508, 24.0288, 31.8676



5.8973, 6.4287, 7.3998



11.1514, 14.9977, 26.2381



0.1515, 0.2136, 0.3261

Previews

White Background



This preview shows how the XYZ color 24.2078, 23.8871, 23.4135 looks on a white background.

Color Contrast Check

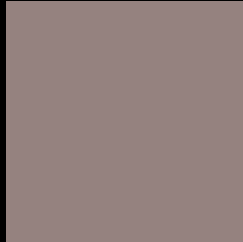
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2078, 23.8871, 23.4135 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 24.2078, 23.8871, 23.4135

Background



This preview shows how black text looks on a background with the XYZ color 24.2078, 23.8871, 23.4135.



This preview shows how white text looks on a background with the XYZ color 24.2078, 23.8871,

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

24.2078, 23.8871, 23.4135

Protanopia

22.9688, 24.0384, 24.1982

Deuteranopia

24.3911, 23.9816, 23.4220



Tritanopia

24.8843, 23.7574, 27.3188

Trichromacy



Original Color

24.2078, 23.8871, 23.4135

Protanomaly

23.4391, 24.0844, 23.8354

Deuteranomaly

24.3911, 23.9816, 23.4220

Tritanomaly

24.7310, 23.9058, 25.8651

Monochromacy



Original Color

24.2078, 23.8871, 23.4135

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3676, 24.0164, 25.2338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2078, 23.8871, 23.4135 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(149, 130, 127) looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 127)  
}
```

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(149, 130, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 127) }
```

Border

The CSS property to change the border of an element to XYZ 24.2078, 23.8871, 23.4135 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(149, 130, 127) }
```


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

```
.border{ border-color:rgb(149, 130, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 127);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2078, 23.8871, 23.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 127) }
```

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

```
.background{ background-color: rgb(149,  
130, 127) }
```

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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