

Converting Colors

XYZ(23.8000, 25.1584, 27.3392)

Have a look what the booklet for
XYZ(23.8000, 25.1584, 27.3392)
contains.

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Color

**XYZ(23.9204, 25.3015,
27.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	898A89
RGB	137, 138, 137
RGB Percent	54%, 54%, 54%
CMY	0.4627, 0.4588, 0.4627
CMYK	0.01, 0.00, 0.01, 0.46
HSL	120°, 0%, 54%
HSV	120°, 1%, 54%
XYZ	23.9204, 25.3015, 27.2898
YIQ	137.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	137, 138, 138
Decimal	9013897
CIE _{Lab}	57.37, -0.56, 0.40
CIE _{LCh}	57, 0.688, 144.679
Yxy	25.3015, 0.3126, 0.3307
Android (android.graphics.Color)	4287203977 (0xFF898A89)
YUV	137.5870, -0.2894, -0.5148
Hunter-Lab	50.3006, -3.1405, 3.0436

Details

The XYZ color **23.9204, 25.3015, 27.2898** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0152, 25.1302, 27.6309**, and the grayscale version is **24.0020, 25.2520, 27.4994**.

A 20% lighter version of the original color is **49.1603, 51.9265, 56.1470**, and **9.1405, 9.6938, 10.4062** is the 20% darker color. If you saturate the color by 10%, you get **20.8744, 23.8391, 22.3060**, and if you desaturate by 10%, it is **27.3837, 26.9658, 32.9552**.

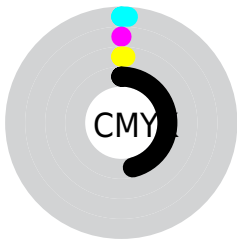
Distribution



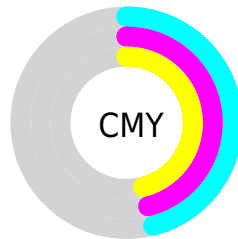
- Red (54%)
- Green (54%)
- Blue (54%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9204, 25.3015, 27.2898 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 23.9204, 25.3015, 27.2898 by changing the saturation by 10% instead.

■ 23.9204, 25.3015,
27.2898

■ 23.9204, 25.3015,
27.2898

264.8657,
279.3361, 302.8620

■ 15.3990, 16.3018,
17.5566

■ 49.3559, 52.1459,
56.3579

■ 9.1880, 9.7380,
10.4660

■ 67.0007, 70.7595,
76.5300

■ 4.9221, 5.2256,
5.5994

■ 88.4174, 93.3464,
101.0187

■ 2.2359, 2.3802,
2.5382

113.9712,
120.2912, 130.2427

■ 0.7616, 0.8157,
0.8603

144.0276,
151.9781, 164.6205

■ 0.0000, 0.0000,
0.0000

178.9519,

188.7917, 204.5706

219.1095,
231.1162, 250.5116

■ 23.9204, 25.3015,
27.2898

■ 23.9204, 25.3015,
27.2898

■ 20.8744, 23.8391,
22.3060

■ 27.3837, 26.9658,
32.9552

■ 18.2279, 22.5679,
17.9765

■ 31.2771, 28.8360,
39.3249

■ 15.9650, 21.4809,
14.2748

■ 35.6152, 30.9198,
46.4224

■ 14.0679, 20.5697,
11.1716

■ 40.4116, 33.2236,
54.2696

■ 12.5175, 19.8249,
8.6356

■ 45.6790, 35.7538,
62.8878

■ 11.2928, 19.2366,
6.6324

■ 51.4300, 38.5162,
72.2971

■ 10.3705, 18.7936,
5.1241

■ 57.6763, 41.5166,
82.5171

■ 9.7244, 18.4832,
4.0678

■ 64.4295, 44.7605,
93.5665

■ 9.3238, 18.2908,
3.4130

■ 68.3790, 46.6580,
100.0097

Harmonies

Analogous

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



23.9828, 25.3015, 27.1423



23.9204, 25.3015, 27.2898



23.8923, 25.3015, 27.5073

Triad

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



23.9204, 25.3015, 27.2898



24.0338, 25.3015, 27.9993



24.1913, 25.3015, 27.3617

Complementary

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



23.9204, 25.3015, 27.2898



24.0152, 25.1302, 27.6309

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.



24.2050, 25.3015, 27.5908



23.9204, 25.3015, 27.2898



24.1140, 25.3015, 27.9598

Square

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



23.9204, 25.3015, 27.2898



23.9576, 25.3015, 27.9177



24.1767, 25.3015, 27.8099



24.1392, 25.3015, 27.1837

Rectangle

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



23.9204, 25.3015, 27.2898



23.8967, 25.3015, 27.6632



24.1767, 25.3015, 27.8099



24.2006, 25.3015, 27.4352

Sweetspot

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



23.9211, 25.3026, 27.2904



42.5813, 44.7988, 48.7859



24.0838, 25.3829, 27.2973



9.5508, 10.0482, 10.9424



65.7814, 69.2071, 75.3665

Same Dimension

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



23.9211, 25.3026, 27.2904



41.9942, 44.5168, 47.8255



23.9559, 25.3165, 27.4739



5.5624, 5.8919, 6.3388



8.3333, 16.6660, 2.7776



0.0554, 0.1107, 0.0185

Inverse Universe

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



24.0152, 25.1302, 27.6309



42.2270, 44.0905, 48.6679



23.9803, 25.1162, 27.4466



5.5900, 5.8413, 6.4387



13.8102, 6.6335, 22.5982



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 23.9204, 25.3015, 27.2898 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 23.9204, 25.3015, 27.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

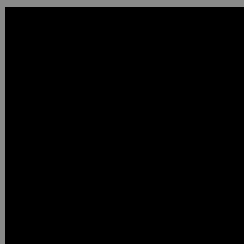
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

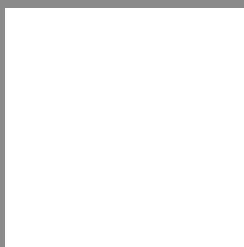
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9204, 25.3015, 27.2898

Background



This preview shows how black text looks on a background with the XYZ color 23.9204, 25.3015, 27.2898.



This preview shows how white text looks on a background with the XYZ color 23.9204, 25.3015,

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

23.9204, 25.3015, 27.2898

Protanopia

24.2048, 25.2443, 26.8895

Deuteranopia

25.7375, 25.1893, 27.5503



Tritanopia

24.7181, 25.2039, 31.1658

Trichromacy



Original Color

23.9204, 25.3015, 27.2898

Protanomaly

24.0371, 25.1579, 26.8816

Deuteranomaly

25.1055, 25.2739, 27.5999

Tritanomaly

24.3848, 25.2778, 29.5805

Monochromacy



Original Color

23.9204, 25.3015, 27.2898

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1572, 25.4152, 27.6772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9204, 25.3015, 27.2898 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, 138, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 138, 137)  
}
```

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, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 138, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.9204, 25.3015, 27.2898 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, 138, 137) }
```

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

```
.border{ border-color:rgb(137, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 138,  
137) }
```


Background

The CSS property to change the background color of an element to XYZ 23.9204, 25.3015, 27.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 138, 137) }
```

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

```
.background{ background-color: rgb(137,  
138, 137) }
```

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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