

Converting Colors

XYZ(23.1647, 24.9078, 25.5697)

Have a look what the booklet for
XYZ(23.1647, 24.9078, 25.5697)
contains.

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Color

**XYZ(23.0849, 24.9112,
25.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	868A84
RGB	134, 138, 132
RGB Percent	53%, 54%, 52%
CMY	0.4745, 0.4588, 0.4823
CMYK	0.03, 0.00, 0.04, 0.46
HSL	100°, 3%, 53%
HSV	100°, 4%, 54%
XYZ	23.0849, 24.9112, 25.4214
YIQ	136.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

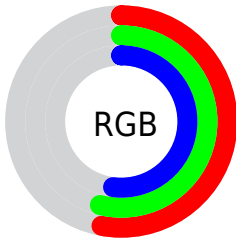
Format	Color
RYB	132, 138, 136
Decimal	8817284
CIELab	56.99, -2.65, 2.69
CIELCh	57, 3.774, 134.527
Yxy	24.9112, 0.3144, 0.3393
Android (android.graphics.Color)	4287007364 (0xFF868A84)
YUV	136.1200, -2.0312, -1.8592
Hunter-Lab	49.9111, -4.7846, 4.7394

Details

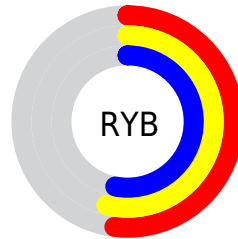
The XYZ color **23.0849, 24.9112, 25.4214** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9928, 23.5723, 27.3840**, and the grayscale version is **23.4548, 24.6762, 26.8724**.

A 20% lighter version of the original color is **47.8813, 51.3292, 53.2828**, and **8.7072, 9.4888, 9.5562** is the 20% darker color. If you saturate the color by 10%, you get **20.7993, 23.8356, 20.7066**, and if you desaturate by 10%, it is **25.6245, 26.1047, 30.8013**.

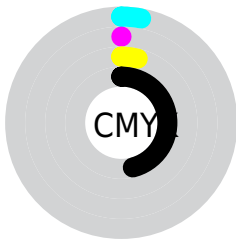
Distribution



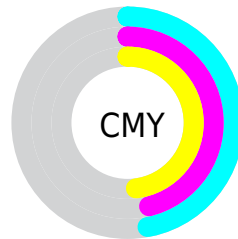
- Red (53%)
- Green (54%)
- Blue (52%)



- Red (52%)
- Yellow (54%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (48%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0849, 24.9112, 25.4214 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 23.0849, 24.9112, 25.4214 by changing the saturation by 10% instead.

■ 23.0849, 24.9112,
25.4214

■ 23.0849, 24.9112,
25.4214

260.6880,
277.3954, 293.4447

■ 14.7772, 16.0109,
16.1694

■ 47.9983, 51.5131,
53.3126

■ 8.7485, 9.5319,
9.4885

■ 65.3348, 69.9836,
72.7889

■ 4.6333, 5.0897,
4.9600

■ 86.4116, 92.4128,
96.5104

■ 2.0663, 2.3000,
2.1655

111.5941,
119.1853, 124.8956

■ 0.6708, 0.7737,
0.6543

141.2476,
150.6854, 158.3631

■ 0.0000, 0.0000,
0.0000

175.7375,

187.2975, 197.3314

215.4292,
229.4061, 242.2191

■ 23.0849, 24.9112,
25.4214

■ 23.0849, 24.9112,
25.4214

■ 20.7993, 23.8356,
20.7066

■ 25.6245, 26.1047,
30.8013

■ 18.7574, 22.8711,
16.6295

■ 28.4237, 27.4163,
36.8690

■ 16.9515, 22.0150,
13.1632


■ 31.4906, 28.8505,
43.6483


■ 15.3724, 21.2632,
10.2781


■ 34.8322, 30.4103,
51.1612


■ 14.0104, 20.6113,
7.9425


■ 38.4554, 32.0989,
59.4288


 12.8551, 20.0549,
6.1212


 42.3666, 33.9191,
68.4713


 11.8950, 19.5887,
4.7754

 46.5724, 35.8739,
78.3083

 11.1174, 19.2073,
3.8603

 51.0787, 37.9659,
88.9585

 10.5067, 18.9038,
3.3190

 55.6971, 40.1201,
99.4161

Harmonies

Analogous

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



23.4643, 24.9112, 24.8299



23.0849, 24.9112, 25.4214



22.8657, 24.9112, 26.4783

Triad

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



23.0849, 24.9112, 25.4214



23.4508, 24.9112, 29.5443



24.5117, 24.9112, 26.5166

Complementary

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



23.0849, 24.9112, 25.4214



22.9928, 23.5723, 27.3840

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.



24.5080, 24.9112, 27.7803



23.0849, 24.9112, 25.4214



23.8917, 24.9112, 29.5554

Square

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



23.0849, 24.9112, 25.4214



23.0751, 24.9112, 28.8714



24.2798, 24.9112, 28.9011



24.2900, 24.9112, 25.4487

Rectangle

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



23.0849, 24.9112, 25.4214



22.8381, 24.9112, 27.3171



24.2798, 24.9112, 28.9011



24.5369, 24.9112, 26.9319

Sweetspot

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



23.0856, 24.9123, 25.4219



42.1296, 44.5867, 47.8318



23.4512, 24.6785, 25.3576



9.4563, 10.0038, 10.7429



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



23.0856, 24.9123, 25.4219



40.3698, 43.7593, 44.1384



22.8385, 24.7770, 25.7695



5.3181, 5.7778, 5.7934



9.3800, 17.2055, 2.8266



0.0766, 0.1217, 0.0194

Inverse Universe

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



22.9928, 23.5723, 27.3840



40.1787, 40.9997, 48.1793



23.2487, 23.7125, 27.0196



5.2910, 5.3863, 6.3666



8.2690, 3.7769, 22.3389



0.0705, 0.0331, 0.1491

Previews

White Background



This preview shows how the XYZ color 23.0849, 24.9112, 25.4214 looks on a white background.

Color Contrast Check

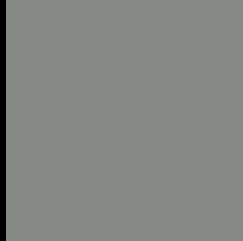
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0849, 24.9112, 25.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

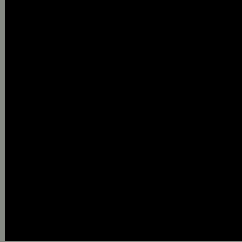
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0849, 24.9112, 25.4214

Background



This preview shows how black text looks on a background with the XYZ color 23.0849, 24.9112, 25.4214.



This preview shows how white text looks on a background with the XYZ color 23.0849, 24.9112,

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

23.0849, 24.9112, 25.4214

Protanopia

23.7161, 24.8225, 25.0140

Deuteranopia

25.2474, 24.7753, 25.6417



Tritanopia

24.2240, 24.9491, 31.1427

Trichromacy



Original Color

23.0849, 24.9112, 25.4214

Protanomaly

23.5236, 24.9333, 25.0455

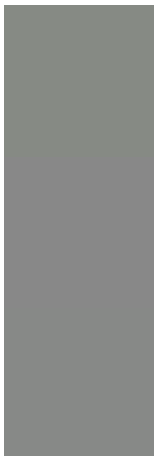
Deuteranomaly

24.4358, 24.7634, 25.6822

Tritanomaly

23.8198, 24.9952, 29.1603

Monochromacy



Original Color

23.0849, 24.9112, 25.4214

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3105, 24.7915, 26.4783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0849, 24.9112, 25.4214 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(134, 138, 132) looks like.

```
.text, #text, p{  
    color:rgb(134, 138, 132)  
}
```

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(134, 138, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 138, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.0849, 24.9112, 25.4214 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(134, 138, 132) }
```


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

```
.border{ border-color:rgb(134, 138, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 138, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 138, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 138, 132);  
box-shadow:4px 4px 4px 4px rgb(134, 138,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0849, 24.9112, 25.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 138, 132) }
```

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

```
.background{ background-color: rgb(134,  
138, 132) }
```

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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