

Converting Colors

XYZ(23.9537, 24.3092, 27.9338)

Have a look what the booklet for
XYZ(23.9537, 24.3092, 27.9338)
contains.

XYZ(23.8629, 24.2146, 27.8423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.8629, 24.2146,
27.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	8C858B
RGB	140, 133, 139
RGB Percent	55%, 52%, 55%
CMY	0.4510, 0.4784, 0.4549
CMYK	0.00, 0.05, 0.01, 0.45
HSL	309°, 3%, 54%
HSV	309°, 5%, 55%
XYZ	23.8629, 24.2146, 27.8423
YIQ	135.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

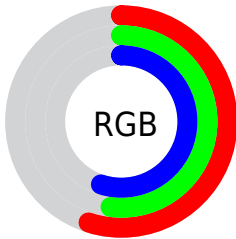
Format	Color
R_{YB}	140, 133, 139
Decimal	9209227
CIE Lab	56.30, 3.78, -2.29
CIE LCh	56, 4.417, 328.845
Yxy	24.2146, 0.3143, 0.3189
Android (android.graphics.Color)	4287399307 (0xFF8C858B)
YUV	135.7770, 1.5889, 3.7036
Hunter-Lab	49.2083, 0.4465, 0.8993

Details

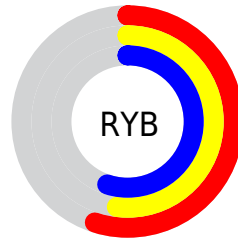
The XYZ color **23.8629, 24.2146, 27.8423** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3549, 25.4645, 26.2396**, and the grayscale version is **23.3126, 24.5266, 26.7095**.

A 20% lighter version of the original color is **49.3215, 50.3929, 56.9965**, and **9.1899, 9.2356, 10.7495** is the 20% darker color. If you saturate the color by 10%, you get **21.9280, 20.5762, 26.4832**, and if you desaturate by 10%, it is **26.0574, 28.3672, 29.3017**.

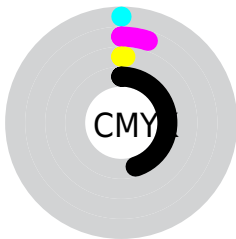
Distribution



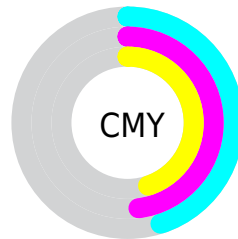
- Red (55%)
- Green (52%)
- Blue (55%)



- Red (55%)
- Yellow (52%)
- Blue (55%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8629, 24.2146, 27.8423 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 23.8629, 24.2146, 27.8423 by changing the saturation by 10% instead.

■ 23.8629, 24.2146,
27.8423

■ 23.8629, 24.2146,
27.8423

264.5800,
273.9036, 305.6008

■ 15.3561, 15.4929,
17.9688

■ 49.2627, 50.3802,
57.2526

■ 9.1577, 9.1660,
10.7584

■ 66.8864, 68.5928,
77.6266

■ 4.9021, 4.8496,
5.7925

■ 88.2799, 90.7379,
102.3377

■ 2.2241, 2.1593,
2.6526

113.8083,
117.1998, 131.8046

■ 0.7554, 0.6977,
0.9194

143.8372,
148.3629, 166.4459

■ 0.0000, 0.0000,
0.0000

178.7319,

184.6117, 206.6799

218.8577,
226.3305, 252.9254

■ 23.8629, 24.2146,
27.8423

■ 23.8629, 24.2146,
27.8423

■ 21.9280, 20.5762,
26.4832

■ 26.0574, 28.3672,
29.3017

■ 20.2405, 17.4287,
25.2195

■ 28.5188, 33.0497,
30.8630

■ 18.7904, 14.7518,
24.0479

■ 31.2569, 38.2812,
32.5299

■ 17.5663, 12.5225,
22.9646

■ 34.2802, 44.0789,
34.3052

■ 16.5556, 10.7159,
21.9653

■ 37.5970, 50.4591,
36.1918

■ 15.7447, 9.3048,
21.0455

■ 41.2151, 57.4376,
38.1924

■ 15.1182, 8.2585,
20.2000

■ 45.1421, 65.0294,
40.3096

■ 14.6588, 7.5421,
19.4229

■ 49.3853, 73.2493,
42.5458

■ 14.3427, 7.1081,
18.7061

■ 52.6610, 79.5298,
44.4733

Harmonies

Analogous

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



23.4906, 24.2146, 28.8975



23.8629, 24.2146, 27.8423



24.0076, 24.2146, 26.4221

Triad

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



23.8629, 24.2146, 27.8423



23.0350, 24.2146, 23.6616



22.1687, 24.2146, 27.7409

Complementary

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



23.8629, 24.2146, 27.8423



23.3549, 25.4645, 26.2396

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.



22.0507, 24.2146, 26.3091



23.8629, 24.2146, 27.8423



22.5464, 24.2146, 23.9861

Square

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



23.8629, 24.2146, 27.8423



23.5253, 24.2146, 24.0392



22.1879, 24.2146, 24.9420



22.5127, 24.2146, 28.8374

Rectangle

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



23.8629, 24.2146, 27.8423



23.9539, 24.2146, 25.4707



22.1879, 24.2146, 24.9420



22.1015, 24.2146, 27.2812

Sweetspot

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



23.8636, 24.2156, 27.8428



43.5550, 45.4937, 50.0895



22.9431, 23.7326, 28.1828



10.0420, 10.4940, 11.5458



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.



23.8636, 24.2156, 27.8428



41.6648, 41.9243, 48.8088



23.6167, 24.1169, 26.5426



5.3271, 5.3493, 6.2465



12.6277, 6.1612, 16.3417



0.0878, 0.0425, 0.1291

Inverse Universe

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



23.8636, 24.2156, 27.8428



41.6648, 41.9243, 48.8088



23.5982, 25.5618, 27.5210



5.3271, 5.3493, 6.2465



12.6277, 6.1612, 16.3417



0.0878, 0.0425, 0.1291

Previews

White Background



This preview shows how the XYZ color 23.8629, 24.2146, 27.8423 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 23.8629, 24.2146, 27.8423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

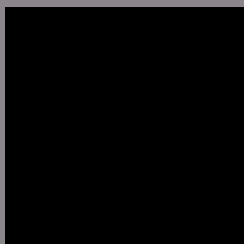
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

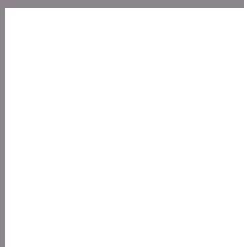
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8629, 24.2146, 27.8423

Background



This preview shows how black text looks on a background with the XYZ color 23.8629, 24.2146, 27.8423.



This preview shows how white text looks on a background with the XYZ color 23.8629, 24.2146,

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

23.8629, 24.2146, 27.8423

Protanopia

23.4121, 24.1779, 28.2438

Deuteranopia

24.6306, 24.2077, 27.8005



Tritanopia

24.1937, 24.1484, 29.3726

Trichromacy



Original Color

23.8629, 24.2146, 27.8423

Protanomaly

23.5752, 24.2620, 28.2514

Deuteranomaly

24.4131, 24.2959, 27.8290

Tritanomaly

24.1183, 24.1182, 28.9753

Monochromacy



Original Color

23.8629, 24.2146, 27.8423

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4959, 24.4525, 27.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8629, 24.2146, 27.8423 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(140, 133, 139) looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 139)  
}
```

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(140, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.8629, 24.2146, 27.8423 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(140, 133, 139) }
```


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

```
.border{ border-color:rgb(140, 133, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8629, 24.2146, 27.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 139) }
```

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

```
.background{ background-color: rgb(140,  
133, 139) }
```

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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