

Converting Colors

XYZ(23.3750, 23.6493, 27.8275)

Have a look what the booklet for
XYZ(23.3750, 23.6493, 27.8275)
contains.

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Color

**XYZ(23.2577, 23.5000,
27.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	8A838B
RGB	138, 131, 139
RGB Percent	54%, 51%, 55%
CMY	0.4588, 0.4863, 0.4549
CMYK	0.01, 0.06, 0.00, 0.45
HSL	292°, 3%, 53%
HSV	292°, 6%, 55%
XYZ	23.2577, 23.5000, 27.7362
YIQ	134.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

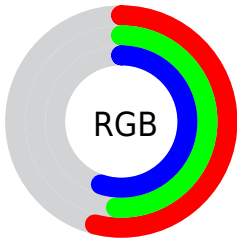
Format	Color
R_{YB}	138, 131, 139
Decimal	9077643
CIE Lab	55.58, 4.19, -3.36
CIE LCh	56, 5.370, 321.234
Yxy	23.5000, 0.3122, 0.3155
Android (android.graphics.Color)	4287267723 (0xFF8A838B)
YUV	134.0050, 2.4625, 3.5036
Hunter-Lab	48.4768, 0.8045, 0.0107

Details

The XYZ color **23.2577, 23.5000, 27.7362** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8461, 25.0101, 25.0974**, and the grayscale version is **22.6532, 23.8330, 25.9541**.

A 20% lighter version of the original color is **48.1408, 49.1631, 56.8213**, and **8.8450, 8.8306, 10.6895** is the 20% darker color. If you saturate the color by 10%, you get **21.2296, 19.8670, 27.1422**, and if you desaturate by 10%, it is **25.5423, 27.6383, 28.4149**.

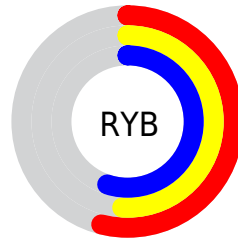
Distribution



Red (54%)

Green (51%)

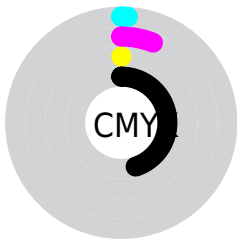
Blue (55%)



Red (54%)

Yellow (51%)

Blue (55%)

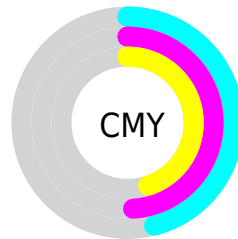


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2577, 23.5000, 27.7362 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 23.2577, 23.5000, 27.7362 by changing the saturation by 10% instead.

■ 23.2577, 23.5000,
27.7362

■ 23.2577, 23.5000,
27.7362

261.5565,
270.2828, 305.0764

■ 14.9056, 14.9631,
17.8896

■ 48.2797, 49.2130,
57.0810

■ 8.8391, 8.7935,
10.7021

■ 65.6803, 67.1580,
77.4163

■ 4.6926, 4.6067,
5.7553

■ 86.8278, 89.0078,
102.0849

■ 2.1010, 2.0184,
2.6305

112.0876,
115.1468, 131.5053

■ 0.6897, 0.6181,
0.9081

141.8250,
145.9594, 166.0962

■ 0.0000, 0.0000,
0.0000

176.4054,

181.8300, 206.2759

216.1941,
223.1430, 252.4632

■ 23.2577, 23.5000,
27.7362

■ 23.2577, 23.5000,
27.7362

■ 21.2296, 19.8670,
27.1422

■ 25.5423, 27.6383,
28.4149

■ 19.4459, 16.7166,
26.6281

■ 28.0906, 32.2977,
29.1799

■ 17.8969, 14.0285,
26.1909

■ 30.9123, 37.4968,
30.0348

■ 16.5710, 11.7801,
25.8268

■ 34.0158, 43.2526,
30.9822

■ 15.4561, 9.9468,
25.5317

■ 37.4092, 49.5813,
32.0249

■ 14.5385, 8.5015,
25.3011

■ 41.1003, 56.4983,
33.1655

■ 13.8030, 7.4140,
25.1300

■ 45.0965, 64.0187,
34.4064

■ 13.2324, 6.6494,
25.0125

■ 49.4052, 72.1567,
35.7501

■ 12.8005, 6.1557,
24.9399

■ 53.6797, 80.2196,
37.0811

Harmonies

Analogous

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



22.7611, 23.5000, 28.8285



23.2577, 23.5000, 27.7362



23.5085, 23.5000, 26.0999

Triad

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



23.2577, 23.5000, 27.7362



22.5142, 23.5000, 22.4266



21.2666, 23.5000, 26.8162

Complementary

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



23.2577, 23.5000, 27.7362



22.8461, 25.0101, 25.0974

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.



21.2032, 23.5000, 25.0819



23.2577, 23.5000, 27.7362



21.9164, 23.5000, 22.5990

Square

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



23.2577, 23.5000, 27.7362



23.0742, 23.5000, 23.0708



21.4391, 23.5000, 23.5527



21.6138, 23.5000, 28.2809

Rectangle

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



23.2577, 23.5000, 27.7362



23.4995, 23.5000, 24.9424



21.4391, 23.5000, 23.5527



21.2116, 23.5000, 26.2437

Sweetspot

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



23.2584, 23.5010, 27.7367



43.1143, 44.7274, 50.1038



22.2817, 23.2112, 27.7323



9.9470, 10.3287, 11.5488



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.



23.2584, 23.5010, 27.7367



41.1159, 41.1219, 49.5132



23.2132, 23.5021, 26.6310



5.2612, 5.2556, 6.3430



11.4105, 5.3964, 22.4859



0.0838, 0.0400, 0.1498

Inverse Universe

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



22.9295, 23.3887, 25.1372



40.3921, 40.8751, 43.7720



22.8920, 25.0105, 26.1518



5.1664, 5.2233, 5.5910



9.7078, 4.9932, 0.9656



0.0673, 0.0343, 0.0214

Previews

White Background



This preview shows how the XYZ color 23.2577, 23.5000, 27.7362 looks on a white background.

Color Contrast Check

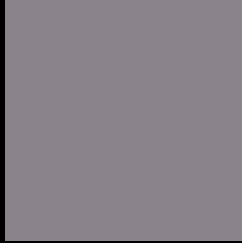
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2577, 23.5000, 27.7362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

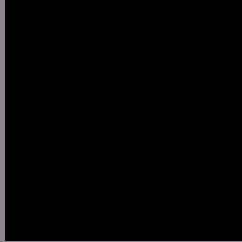
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2577, 23.5000, 27.7362

Background



This preview shows how black text looks on a background with the XYZ color 23.2577, 23.5000, 27.7362.



This preview shows how white text looks on a background with the XYZ color 23.2577, 23.5000,

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

23.2577, 23.5000, 27.7362

Protanopia

22.8164, 23.4643, 28.1375

Deuteranopia

23.8381, 23.4042, 27.6872



Tritanopia

23.4053, 23.5590, 28.5130

Trichromacy

**Original Color**

23.2577, 23.5000, 27.7362

Protanomaly

22.9766, 23.5469, 28.1449

Deuteranomaly

23.6273, 23.4921, 27.7152

Tritanomaly

23.3312, 23.5293, 28.1229

Monochromacy

**Original Color**

23.2577, 23.5000, 27.7362

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8231, 23.7035, 26.6649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2577, 23.5000, 27.7362 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(138, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(138, 131, 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(138, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 131, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.2577, 23.5000, 27.7362 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(138, 131, 139) }
```


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

```
.border{ border-color:rgb(138, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(138, 131,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2577, 23.5000, 27.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 131, 139) }
```

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

```
.background{ background-color: rgb(138,  
131, 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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