

Converting Colors

XYZ(23.5521, 23.2878, 27.7362)

Have a look what the booklet for
XYZ(23.5521, 23.2878, 27.7362)
contains.

XYZ(23.4950, 23.2273, 27.6711)	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(23.4950, 23.2273,
27.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	8D818B
RGB	141, 129, 139
RGB Percent	55%, 51%, 55%
CMY	0.4471, 0.4941, 0.4549
CMYK	0.00, 0.09, 0.01, 0.45
HSL	310°, 5%, 53%
HSV	310°, 9%, 55%
XYZ	23.4950, 23.2273, 27.6711
YIQ	133.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

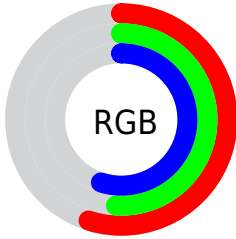
Format	Color
R_{YB}	141, 129, 139
Decimal	9273739
CIE Lab	55.31, 6.45, -3.74
CIE LCh	55, 7.453, 329.859
Yxy	23.2273, 0.3158, 0.3122
Android (android.graphics.Color)	4287463819 (0xFF8D818B)
YUV	133.7280, 2.5991, 6.3775
Hunter-Lab	48.1947, 2.6783, -0.3052

Details

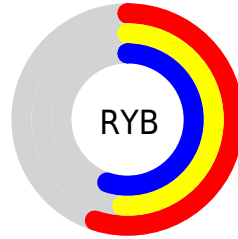
The XYZ color **23.4950, 23.2273, 27.6711** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6758, 25.3563, 25.1731**, and the grayscale version is **22.5505, 23.7249, 25.8364**.

A 20% lighter version of the original color is **48.7481, 48.8638, 56.7315**, and **8.9862, 8.6827, 10.6535** is the 20% darker color. If you saturate the color by 10%, you get **21.5947, 19.6983, 26.1995**, and if you desaturate by 10%, it is **25.6566, 27.2724, 29.2486**.

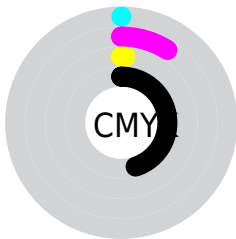
Distribution



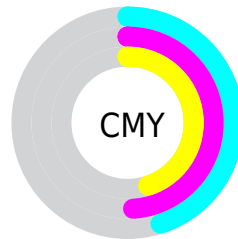
- Red (55%)
- Green (51%)
- Blue (55%)



- Red (55%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4950, 23.2273, 27.6711 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 23.4950, 23.2273, 27.6711 by changing the saturation by 10% instead.

■ 23.4950, 23.2273,
27.6711

■ 23.4950, 23.2273,
27.6711

262.7454,
268.8903, 304.7543

■ 15.0821, 14.7614,
17.8410

■ 48.6655, 48.7663,
56.9757

■ 8.9637, 8.6521,
10.6676

■ 66.1539, 66.6082,
77.2872

■ 4.7745, 4.5150,
5.7325

■ 87.3982, 88.3442,
101.9297

■ 2.1489, 1.9656,
2.6169

112.7638,
114.3588, 131.3216

■ 0.7156, 0.5874,
0.9012

142.6159,
145.0363, 165.8814

■ 0.0000, 0.0000,
0.0000

177.3200,

180.7611, 206.0278

217.2414,
221.9177, 252.1792

■ 23.4950, 23.2273,
27.6711

■ 23.4950, 23.2273,
27.6711

■ 21.5947, 19.6983,
26.1995

■ 25.6566, 27.2724,
29.2486

■ 19.9433, 16.6616,
24.8287

■ 28.0875, 31.8502,
30.9339

■ 18.5302, 14.0957,
23.5554

■ 30.7975, 36.9805,
32.7306

■ 17.3435, 11.9768,
22.3754

■ 33.7956, 42.6809,
34.6420

■ 16.3701, 10.2786,
21.2843

■ 37.0903, 48.9684,
36.6709

■ 15.5955, 8.9723,
20.2771

■ 40.6897, 55.8592,
38.8202

■ 15.0034, 8.0255,
19.3483

■ 44.6016, 63.3689,
41.0925

■ 14.5750, 7.4002,
18.4914

■ 48.8336, 71.5126,
43.4904

■ 14.2683, 7.0128,
17.6924

■ 53.1037, 79.7264,
45.9202

Harmonies

Analogous

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



22.8861, 23.2273, 29.4928



23.4950, 23.2273, 27.6711



23.7221, 23.2273, 25.3019

Triad

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



23.4950, 23.2273, 27.6711



22.0808, 23.2273, 20.9644



20.7132, 23.2273, 27.6502

Complementary

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



23.4950, 23.2273, 27.6711



22.6758, 25.3563, 25.1731

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.



20.5095, 23.2273, 25.2792



23.4950, 23.2273, 27.6711



21.2869, 23.2273, 21.5078

Square

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



23.4950, 23.2273, 27.6711



22.8931, 23.2273, 21.5180



20.7169, 23.2273, 23.0507



21.2802, 23.2273, 29.4802

Rectangle

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



23.4950, 23.2273, 27.6711



23.6220, 23.2273, 23.7601



20.7169, 23.2273, 23.0507



20.6006, 23.2273, 26.8854

Sweetspot

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



23.4957, 23.2283, 27.6716



44.1243, 45.4241, 51.0684



22.0190, 22.4500, 28.3726



9.7904, 10.0241, 11.3589



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.



23.4957, 23.2283, 27.6716



41.4632, 40.4552, 49.0917



23.0692, 23.0577, 25.4259



5.5882, 5.4958, 6.5954



12.9750, 6.3470, 16.0513



0.1307, 0.0633, 0.1884

Inverse Universe

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



23.4957, 23.2283, 27.6716



41.4632, 40.4552, 49.0917



23.0943, 25.5237, 27.3770



5.5882, 5.4958, 6.5954



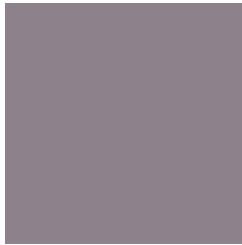
12.9750, 6.3470, 16.0513



0.1307, 0.0633, 0.1884

Previews

White Background



This preview shows how the XYZ color 23.4950, 23.2273, 27.6711 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 23.4950, 23.2273, 27.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

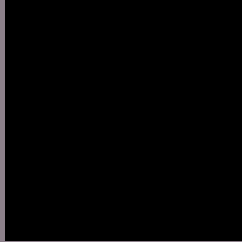
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4950, 23.2273, 27.6711

Background



This preview shows how black text looks on a background with the XYZ color 23.4950, 23.2273, 27.6711.

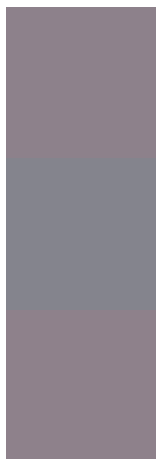


This preview shows how white text looks on a background with the XYZ color 23.4950, 23.2273,

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

23.4950, 23.2273, 27.6711

Protanopia

22.5747, 23.3311, 28.5128

Deuteranopia

23.6658, 23.3154, 27.6791



Tritanopia

23.4950, 23.2273, 27.6711

Trichromacy



Original Color

23.4950, 23.2273, 27.6711

Protanomaly

22.8416, 23.2769, 28.1000

Deuteranomaly

23.6658, 23.3154, 27.6791

Tritanomaly

23.4950, 23.2273, 27.6711

Monochromacy



Original Color

23.4950, 23.2273, 27.6711

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0117, 23.5985, 26.6347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4950, 23.2273, 27.6711 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(141, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(141, 129, 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(141, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 129, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.4950, 23.2273, 27.6711 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(141, 129, 139) }
```


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

```
.border{ border-color:rgb(141, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(141, 129,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4950, 23.2273, 27.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 129, 139) }
```

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

```
.background{ background-color: rgb(141,  
129, 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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