

Converting Colors

XYZ(23.7125, 23.1083, 28.9362)

Have a look what the booklet for
XYZ(23.7125, 23.1083, 28.9362)
contains.

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Color

**XYZ(23.7570, 23.1421,
28.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	8E808E
RGB	142, 128, 142
RGB Percent	56%, 50%, 56%
CMY	0.4431, 0.4980, 0.4431
CMYK	0.00, 0.10, 0.00, 0.44
HSL	300°, 6%, 53%
HSV	300°, 10%, 56%
XYZ	23.7570, 23.1421, 28.8059
YIQ	133.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

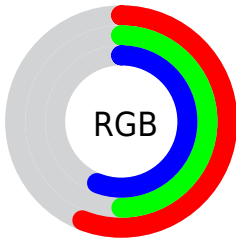
Format	Color
RYB	142, 128, 142
Decimal	9339022
CIELab	55.22, 7.98, -5.60
CIElCh	55, 9.752, 324.945
Yxy	23.1421, 0.3138, 0.3057
Android (android.graphics.Color)	4287529102 (0xFF8E808E)
YUV	133.7820, 4.0515, 7.2072
Hunter-Lab	48.1062, 3.9653, -1.8283

Details

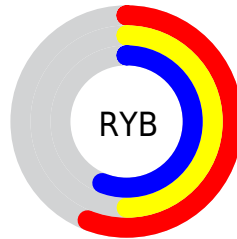
The XYZ color **23.7570, 23.1421, 28.8059** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4723, 25.4944, 24.1598**, and the grayscale version is **22.5652, 23.7403, 25.8532**.

A 20% lighter version of the original color is **49.2526, 48.7690, 59.0420**, and **9.1414, 8.6400, 11.3111** is the 20% darker color. If you saturate the color by 10%, you get **22.0332, 19.6942, 28.2314**, and if you desaturate by 10%, it is **25.7414, 27.1105, 29.4678**.

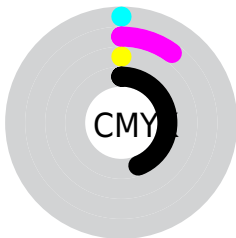
Distribution



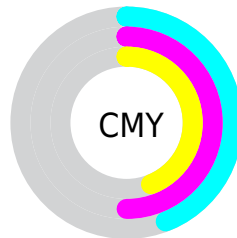
- Red (56%)
- Green (50%)
- Blue (56%)



- Red (56%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7570, 23.1421, 28.8059 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 23.7570, 23.1421, 28.8059 by changing the saturation by 10% instead.

■ 23.7570, 23.1421,
28.8059

■ 23.7570, 23.1421,
28.8059

264.0530,
268.4540, 310.3303

■ 15.2772, 14.6985,
18.6897

■ 49.0909, 48.6266,
58.8071

■ 9.1018, 8.6080,
11.2718

■ 66.6758, 66.4362,
79.5291

■ 4.8653, 4.4864,
6.1335

■ 88.0264, 88.1365,
104.6236

■ 2.2024, 1.9492,
2.8563

113.5081,
114.1121, 134.5089

■ 0.7440, 0.5777,
1.0217

143.4863,
144.7472, 169.6037

■ 0.0000, 0.0000,
0.0000

178.3262,

180.4263, 210.3265

218.3933,
221.5338, 257.0958

■ 23.7570, 23.1421,
28.8059

■ 23.7570, 23.1421,
28.8059

■ 22.0332, 19.6942,
28.2314

■ 25.7414, 27.1105,
29.4678

■ 20.5572, 16.7423,
27.7393

■ 27.9944, 31.6165,
30.2189

■ 19.3183, 14.2645,
27.3262

■ 30.5263, 36.6802,
31.0631

■ 18.3041, 12.2362,
26.9880

■ 33.3461, 42.3198,
32.0031

■ 17.5012, 10.6304,
26.7202

■ 36.4625, 48.5526,
33.0421

■ 16.8946, 9.4173,
26.5178

■ 39.8838, 55.3952,
34.1827

■ 16.4676, 8.5632,
26.3753

■ 43.6180, 62.8635,
35.4276

■ 16.2003, 8.0288,
26.2861

■ 47.6728, 70.9729,
36.7793

■ 16.0400, 7.7082,
26.2325

■ 51.7983, 79.2240,
38.1546

Harmonies

Analogous

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



22.8919, 23.1421, 31.0431



23.7570, 23.1421, 28.8059



24.1509, 23.1421, 25.7305

Triad

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



23.7570, 23.1421, 28.8059



22.1811, 23.1421, 19.6779



20.1493, 23.1421, 27.8157

Complementary

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



23.7570, 23.1421, 28.8059



22.4723, 25.4944, 24.1598

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.



19.9730, 23.1421, 24.6725



23.7570, 23.1421, 28.8059



21.1235, 23.1421, 20.1366

Square

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



23.7570, 23.1421, 28.8059



23.2221, 23.1421, 20.5956



20.3240, 23.1421, 21.9043



20.8136, 23.1421, 30.4391

Rectangle

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



23.7570, 23.1421, 28.8059



24.0842, 23.1421, 23.6809



20.3240, 23.1421, 21.9043



20.0319, 23.1421, 26.7781

Sweetspot

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



23.7577, 23.1431, 28.8064



44.2200, 45.4624, 51.5723



21.5047, 21.9817, 28.7011



9.8169, 10.0347, 11.4989



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.



23.7577, 23.1431, 28.8064



41.1256, 39.2736, 50.5406



23.2485, 22.9394, 26.1249



5.6263, 5.5110, 6.7959



14.3993, 6.9167, 23.5518



0.1377, 0.0661, 0.2252

Inverse Universe

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



23.7577, 23.1431, 28.8064



41.1256, 39.2736, 50.5406



22.9491, 25.6851, 26.6707



5.6263, 5.5110, 6.7959



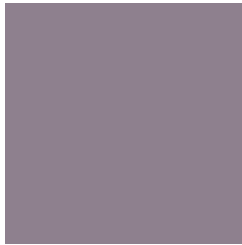
14.3993, 6.9167, 23.5518



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 23.7570, 23.1421, 28.8059 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 23.7570, 23.1421, 28.8059 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 23.7570, 23.1421, 28.8059

Background



This preview shows how black text looks on a background with the XYZ color 23.7570, 23.1421, 28.8059.



This preview shows how white text looks on a background with the XYZ color 23.7570, 23.1421,

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

23.7570, 23.1421, 28.8059

Protanopia

22.5104, 23.0715, 29.6524

Deuteranopia

23.5862, 23.0541, 28.7979



Tritanopia

23.6658, 23.3154, 27.6791

Trichromacy



Original Color

23.7570, 23.1421, 28.8059

Protanomaly

22.9322, 23.0993, 29.2366

Deuteranomaly

23.5862, 23.0541, 28.7979

Tritanomaly

23.7392, 23.3447, 28.0657

Monochromacy



Original Color

23.7570, 23.1421, 28.8059

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0831, 23.6270, 27.0108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7570, 23.1421, 28.8059 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(142, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 128, 142)  
}
```

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(142, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 128, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.7570, 23.1421, 28.8059 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(142, 128, 142) }
```


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

```
.border{ border-color:rgb(142, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 128,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7570, 23.1421, 28.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 128, 142) }
```

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

```
.background{ background-color: rgb(142,  
128, 142) }
```

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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