

Converting Colors

XYZ(23.9259, 21.8391, 32.2340)

Have a look what the booklet for
XYZ(23.9259, 21.8391, 32.2340)
contains.

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Color

**XYZ(23.9249, 21.8384,
32.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	907997
RGB	144, 121, 151
RGB Percent	56%, 47%, 59%
CMY	0.4353, 0.5255, 0.4078
CMYK	0.05, 0.20, 0.00, 0.41
HSL	286°, 13%, 53%
HSV	286°, 20%, 59%
XYZ	23.9249, 21.8384, 32.2324
YIQ	131.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

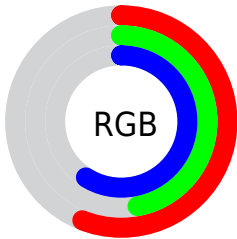
Format	Color
RYB	144, 121, 151
Decimal	9468311
CIELab	53.86, 14.60, -12.85
CIELCh	54, 19.451, 318.640
Yxy	21.8384, 0.3067, 0.2800
Android (android.graphics.Color)	4287658391 (0xFF907997)
YUV	131.2970, 9.7136, 11.1405
Hunter-Lab	46.7316, 9.6054, -8.1823

Details

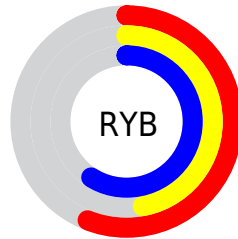
The XYZ color **23.9249, 21.8384, 32.2324** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.4206, 28.1034, 22.2803**, and the grayscale version is **21.6454, 22.7727, 24.7995**.

A 20% lighter version of the original color is **49.2517, 46.3007, 64.0987**, and **9.1318, 7.8820, 13.0967** is the 20% darker color. If you saturate the color by 10%, you get **21.6260, 18.1396, 31.6400**, and if you desaturate by 10%, it is **26.5316, 26.1235, 32.9224**.

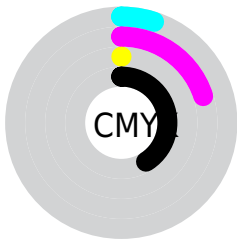
Distribution



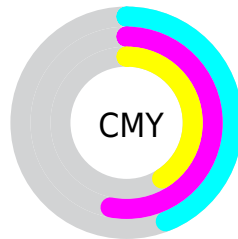
- Red (56%)
- Green (47%)
- Blue (59%)



- Red (56%)
- Yellow (47%)
- Blue (59%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9249, 21.8384, 32.2324 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 23.9249, 21.8384, 32.2324 by changing the saturation by 10% instead.

■ 23.9249, 21.8384,
32.2324

■ 23.9249, 21.8384,
32.2324

264.8881,
261.7012, 326.7018

■ 15.4024, 13.7382,
21.2728

■ 49.3632, 46.4788,
64.2774

■ 9.1904, 7.9388,
13.1304

■ 67.0096, 63.7877,
86.1998

■ 4.9237, 4.0558,
7.3866

■ 88.4281, 84.9351,
112.6136

■ 2.2369, 1.7048,
3.6229

113.9839,
110.3052, 143.9373

■ 0.7621, 0.4268,
1.4209

144.0425,
140.2824, 180.5894

■ 0.0000, 0.0000,
0.1579

178.9692,

■ 0.0000, 0.0000,

175.2513, 222.9885

0.0000

219.1292,
215.5961, 271.5532

■ 23.9249, 21.8384,
32.2324

■ 23.9249, 21.8384,
32.2324

■ 21.6260, 18.1396,
31.6400

■ 26.5316, 26.1235,
32.9224

■ 19.6193, 14.9975,
31.1392

■ 29.4568, 31.0170,
33.7128

■ 17.8911, 12.3842,
30.7259

■ 32.7129, 36.5435,
34.6079

■ 16.4254, 10.2682,
30.3947

■ 36.3112, 42.7252,
35.6115

■ 15.2046, 8.6147,
30.1399

■ 40.2625, 49.5833,
36.7269

■ 14.2090, 7.3842,
29.9549

■ 44.5770, 57.1380,
37.9578

■ 13.4153, 6.5305,
29.8319

■ 49.2645, 65.4087,
39.3071

■ 12.7660, 5.9391,
29.7520

■ 54.3344, 74.4139,
40.7781

■ 12.7575, 5.9314,
29.7510

■ 59.1853, 82.9509,
42.1702

Harmonies

Analogous

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



22.0693, 21.8384, 36.4506



23.9249, 21.8384, 32.2324



24.9558, 21.8384, 26.1205

Triad

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



23.9249, 21.8384, 32.2324



21.5592, 21.8384, 14.1772



17.1736, 21.8384, 27.6541

Complementary

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



23.9249, 21.8384, 32.2324



23.4206, 28.1034, 22.2803

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.



17.0573, 21.8384, 21.5805



23.9249, 21.8384, 32.2324



19.4973, 21.8384, 14.4472

Square

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



23.9249, 21.8384, 32.2324



23.5300, 21.8384, 16.1369



17.8814, 21.8384, 16.9491



18.2104, 21.8384, 33.5162

Rectangle

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



23.9249, 21.8384, 32.2324



24.9933, 21.8384, 22.0891



17.8814, 21.8384, 16.9491



17.0283, 21.8384, 25.5515

Sweetspot

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



23.9256, 21.8393, 32.2329



49.4085, 49.9360, 59.4682



21.2565, 21.8694, 32.3793



11.1615, 11.2357, 13.4979



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.9256, 21.8393, 32.2329



40.8801, 35.9264, 57.2135



24.5964, 22.2533, 29.1851



6.3203, 6.2510, 7.8024



10.8788, 5.0593, 25.3109



0.1934, 0.0915, 0.3798

Inverse Universe

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



23.4969, 21.8135, 23.3950



40.0039, 35.8951, 38.1795



22.8818, 27.7704, 24.7502



6.2649, 6.2451, 6.7752



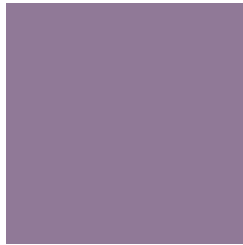
11.1281, 5.7055, 1.9335



0.1786, 0.0902, 0.0934

Previews

White Background



This preview shows how the XYZ color 23.9249, 21.8384, 32.2324 looks on a white background.

Color Contrast Check

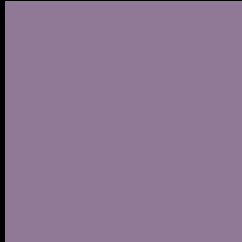
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9249, 21.8384, 32.2324 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 23.9249, 21.8384, 32.2324

Background



This preview shows how black text looks on a background with the XYZ color 23.9249, 21.8384, 32.2324.



This preview shows how white text looks on a background with the XYZ color 23.9249, 21.8384,

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

23.9249, 21.8384, 32.2324

Protanopia

21.8039, 22.0159, 34.1106

Deuteranopia

22.3259, 21.9490, 31.9140



Tritanopia

22.4952, 21.7993, 25.5763

Trichromacy



Original Color

23.9249, 21.8384, 32.2324

Protanomaly

22.5264, 21.8256, 33.5973

Deuteranomaly

22.8660, 21.8516, 31.8668

Tritanomaly

22.9719, 21.8102, 27.8100

Monochromacy



Original Color

23.9249, 21.8384, 32.2324

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3302, 22.2480, 27.1621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9249, 21.8384, 32.2324 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(144, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(144, 121, 151)  
}
```

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(144, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 121, 151) }
```

Border

The CSS property to change the border of an element to XYZ 23.9249, 21.8384, 32.2324 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(144, 121, 151) }
```


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

```
.border{ border-color:rgb(144, 121, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 121, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(144, 121,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9249, 21.8384, 32.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 121, 151) }
```

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

```
.background{ background-color: rgb(144,  
121, 151) }
```

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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