

Converting Colors

XYZ(24.1691, 23.9927, 21.5948)

Have a look what the booklet for
XYZ(24.1691, 23.9927, 21.5948)
contains.

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Color

**XYZ(24.0115, 23.8298,
21.4232)**

Conversions

Conversions Part 1

Format	Color
Hex	968279
RGB	150, 130, 121
RGB Percent	59%, 51%, 47%
CMY	0.4118, 0.4902, 0.5255
CMYK	0.00, 0.13, 0.19, 0.41
HSL	19°, 12%, 53%
HSV	19°, 19%, 59%
XYZ	24.0115, 23.8298, 21.4232
YIQ	134.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

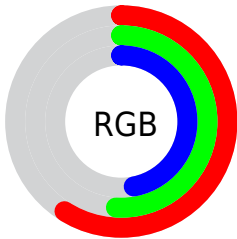
Format	Color
RYB	150, 134, 121
Decimal	9863801
CIELab	55.92, 6.09, 7.67
CIELCh	56, 9.796, 51.538
Yxy	23.8298, 0.3467, 0.3440
Android (android.graphics.Color)	4288053881 (0xFF968279)
YUV	134.9540, -6.8793, 13.1953
Hunter-Lab	48.8158, 2.3730, 8.1511

Details

The XYZ color **24.0115, 23.8298, 21.4232** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9148, 25.3160, 32.5330**, and the grayscale version is **23.0335, 24.2330, 26.3897**.

A 20% lighter version of the original color is **49.3782, 49.7215, 46.5299**, and **9.2906, 9.0185, 7.5544** is the 20% darker color. If you saturate the color by 10%, you get **21.8550, 20.8762, 16.5135**, and if you desaturate by 10%, it is **26.4506, 27.1194, 27.1334**.

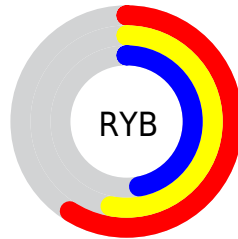
Distribution



Red (59%)

Green (51%)

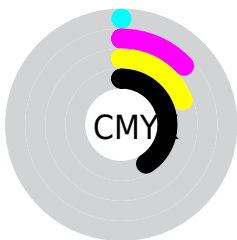
Blue (47%)



Red (59%)

Yellow (53%)

Blue (47%)

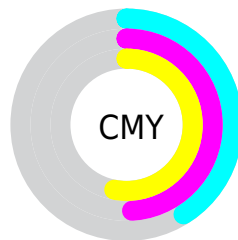


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0115, 23.8298, 21.4232 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 24.0115, 23.8298, 21.4232 by changing the saturation by 10% instead.

■ 24.0115, 23.8298,
21.4232

■ 24.0115, 23.8298,
21.4232

265.3180,
271.9589, 272.3736

■ 15.4669, 15.2074,
13.2394

■ 49.5035, 49.7523,
46.6807

■ 9.2362, 8.9651,
7.4610

■ 67.1817, 67.8212,
64.5915

■ 4.9539, 4.7184,
3.6692

■ 88.6350, 89.8078,
86.5818

■ 2.2547, 2.0830,
1.4457

114.2290,
116.0964, 113.0700

■ 0.7713, 0.6550,
0.1770

144.3290,
147.0714, 144.4748

■ 0.0000, 0.0000,
0.0000

179.3002,

183.1172, 181.2146

219.5081,
224.6182, 223.7081

■ 24.0115, 23.8298,
21.4232

■ 24.0115, 23.8298,
21.4232

■ 21.8550, 20.8762,
16.5135

■ 26.4506, 27.1194,
27.1334

■ 19.9687, 18.2446,
12.3668

■ 29.1806, 30.7521,
33.6764

■ 18.3417, 15.9247,
8.9447

■ 32.2115, 34.7387,
41.0844

■ 16.9618, 13.9045,
6.2048

■ 35.5525, 39.0887,
49.3877

■ 15.8158, 12.1711,
4.1005

■ 39.2123, 43.8109,
58.6149

■ 14.8889, 10.7106,
2.5790

■ 43.1993, 48.9143,
68.7933

■ 14.1643, 9.5076,
1.5788

■ 47.5214, 54.4071,
79.9493

■ 13.6101, 8.5400,
0.9598

■ 52.1864, 60.2976,
92.1081

■ 13.5771, 8.4827,
0.9217

■ 57.0402, 66.5290,
104.4428

Harmonies

Analogous

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



24.7061, 23.8298, 23.7539



24.0115, 23.8298, 21.4232



22.9670, 23.8298, 20.3270

Triad

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



24.0115, 23.8298, 21.4232



20.5914, 23.8298, 25.0521



23.4470, 23.8298, 32.0973

Complementary

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



24.0115, 23.8298, 21.4232



22.9148, 25.3160, 32.5330

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.



22.3350, 23.8298, 32.5168



24.0115, 23.8298, 21.4232



20.7104, 23.8298, 28.2702

Square

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



24.0115, 23.8298, 21.4232



21.0095, 23.8298, 22.3065



21.3400, 23.8298, 31.0657



24.3728, 23.8298, 29.9626

Rectangle

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



24.0115, 23.8298, 21.4232



22.2228, 23.8298, 20.3758



21.3400, 23.8298, 31.0657



23.0817, 23.8298, 32.4502

Sweetspot

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



24.0121, 23.8309, 21.4237



48.1711, 49.8534, 51.4330



24.2453, 22.0911, 28.3028



10.6160, 10.9690, 11.2567



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.0121, 23.8309, 21.4237



40.7483, 39.8372, 34.0702



26.0326, 27.8719, 22.0972



5.9390, 6.0917, 6.1033



11.2865, 7.0873, 0.7731



0.1620, 0.1346, 0.0174

Inverse Universe

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



22.9148, 25.3160, 32.5330



38.4644, 42.9240, 57.1791



20.9540, 21.3944, 31.8794



5.8138, 6.2615, 7.3719



8.6535, 10.0018, 25.4055



0.1322, 0.1750, 0.3197

Previews

White Background



This preview shows how the XYZ color 24.0115, 23.8298, 21.4232 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 24.0115, 23.8298, 21.4232 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 24.0115, 23.8298, 21.4232

Background



This preview shows how black text looks on a background with the XYZ color 24.0115, 23.8298, 21.4232.

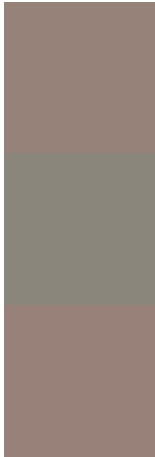


This preview shows how white text looks on a background with the XYZ color 24.0115, 23.8298,

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

24.0115, 23.8298, 21.4232

Protanopia

22.7477, 23.9692, 22.1665

Deuteranopia

24.2503, 23.7564, 21.3965



Tritanopia

25.1834, 23.9199, 26.9566

Trichromacy



Original Color

24.0115, 23.8298, 21.4232

Protanomaly

23.2281, 24.0198, 21.8244

Deuteranomaly

24.0639, 23.6603, 21.3877

Tritanomaly

24.7095, 23.9185, 24.7871

Monochromacy



Original Color

24.0115, 23.8298, 21.4232

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2320, 23.9622, 24.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0115, 23.8298, 21.4232 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(150, 130, 121)` looks like.

```
.text, #text, p{  
    color:rgb(150, 130, 121)  
}
```

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(150, 130, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 130, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.0115, 23.8298, 21.4232 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(150, 130, 121) }
```


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

```
.border{ border-color:rgb(150, 130, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 130, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(150, 130,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0115, 23.8298, 21.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 130, 121) }
```

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

```
.background{ background-color: rgb(150,  
130, 121) }
```

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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