

Converting Colors

XYZ(23.6868, 21.3408, 24.7616)

Have a look what the booklet for
XYZ(23.6868, 21.3408, 24.7616)
contains.

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Color

**XYZ(23.5922, 21.2982,
24.6973)**

Conversions

Conversions Part 1

Format	Color
Hex	987684
RGB	152, 118, 132
RGB Percent	60%, 46%, 52%
CMY	0.4039, 0.5372, 0.4823
CMYK	0.00, 0.22, 0.13, 0.40
HSL	335°, 14%, 53%
HSV	335°, 22%, 60%
XYZ	23.5922, 21.2982, 24.6973
YIQ	129.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

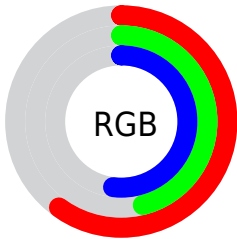
Format	Color
R_{YB}	152, 118, 132
Decimal	9991812
CIE _{Lab}	53.27, 15.63, -2.53
CIE _{LCh}	53, 15.837, 350.795
Yxy	21.2982, 0.3390, 0.3061
Android (android.graphics.Color)	4288181892 (0xFF987684)
YUV	129.7620, 1.1033, 19.5027
Hunter-Lab	46.1500, 10.4880, 0.5758

Details

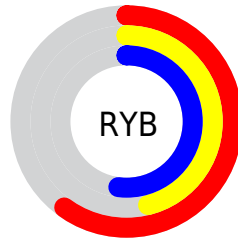
The XYZ color **23.5922, 21.2982, 24.6973** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2878, 28.1436, 28.2510**, and the grayscale version is **21.1269, 22.2271, 24.2053**.

A 20% lighter version of the original color is **48.8638, 45.5176, 52.1093**, and **9.0563, 7.6475, 9.1824** is the 20% darker color. If you saturate the color by 10%, you get **21.3586, 17.7685, 21.0621**, and if you desaturate by 10%, it is **26.1679, 25.4277, 28.7058**.

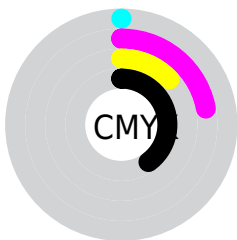
Distribution



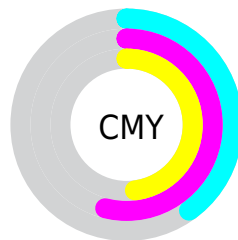
- Red (60%)
- Green (46%)
- Blue (52%)



- Red (60%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5922, 21.2982, 24.6973 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 23.5922, 21.2982, 24.6973 by changing the saturation by 10% instead.

■ 23.5922, 21.2982,
24.6973

■ 23.5922, 21.2982,
24.6973

263.2311,
258.8590, 289.7264

■ 15.1545, 13.3422,
15.6347

■ 48.8234, 45.5833,
52.1237

■ 9.0149, 7.6646,
9.1145

■ 66.3477, 62.6811,
71.3247

■ 4.8081, 3.8811,
4.7181

■ 87.6315, 83.5950,
94.7421

■ 2.1687, 1.6073,
2.0270

113.0402,
108.7094, 122.7947

■ 0.7262, 0.3625,
0.5718

142.9391,
138.4085, 155.9008

■ 0.0000, 0.0000,
0.0000

177.6937,

173.0769, 194.4791

217.6693,
213.0990, 238.9481

■ 23.5922, 21.2982,
24.6973

■ 23.5922, 21.2982,
24.6973

■ 21.3586, 17.7685,
21.0621

■ 26.1679, 25.4277,
28.7058

■ 19.4502, 14.8076,
17.7875

■ 29.0981, 30.1805,
33.0973

■ 17.8514, 12.3861,
14.8617

■ 32.3967, 35.5820,
37.8826

■ 16.5443, 10.4707,
12.2717

■ 36.0762, 41.6557,
43.0718

■ 15.5093, 9.0245,
10.0037

■ 40.1487, 48.4236,
48.6745

■ 14.7242, 8.0054,
8.0426

■ 44.6256, 55.9070,
54.7001

■ 14.1626, 7.3636,
6.3716

■ 49.5180, 64.1261,
61.1574

■ 13.8346, 7.0297,
5.2692

■ 54.8363, 73.1003,
68.0553

■ 60.5908, 82.8483,
75.4022

Harmonies

Analogous

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



22.8432, 21.2982, 29.5234



23.5922, 21.2982, 24.6973



23.4063, 21.2982, 20.0669

Triad

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



23.5922, 21.2982, 24.6973



19.1212, 21.2982, 15.5911



18.2748, 21.2982, 31.0979

Complementary

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



23.5922, 21.2982, 24.6973



23.2878, 28.1436, 28.2510

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.



17.3790, 21.2982, 26.6217



23.5922, 21.2982, 24.6973



17.8485, 21.2982, 17.8342

Square

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



23.5922, 21.2982, 24.6973



20.7629, 21.2982, 15.2240



17.2273, 21.2982, 21.7455



19.7324, 21.2982, 33.5399

Rectangle

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



23.5922, 21.2982, 24.6973



22.7810, 21.2982, 17.6702



17.2273, 21.2982, 21.7455



17.9014, 21.2982, 29.7543

Sweetspot

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



23.5928, 21.2992, 24.6977



48.8140, 49.1295, 54.6366



22.6004, 20.6140, 32.4938



11.0334, 11.0670, 12.3263



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.



23.5928, 21.2992, 24.6977



39.5353, 34.2511, 40.2022



23.0368, 21.6187, 20.0993



6.3090, 6.2627, 7.0071



11.6146, 5.9001, 4.4955



0.1911, 0.0952, 0.1590

Inverse Universe

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



23.5928, 21.2992, 24.6977



39.5353, 34.2511, 40.2022



23.9133, 27.6668, 33.7860



6.3090, 6.2627, 7.0071



11.6146, 5.9001, 4.4955



0.1911, 0.0952, 0.1590

Previews

White Background



This preview shows how the XYZ color 23.5922, 21.2982, 24.6973 looks on a white background.

Color Contrast Check

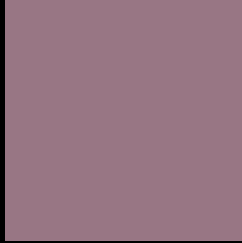
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5922, 21.2982, 24.6973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

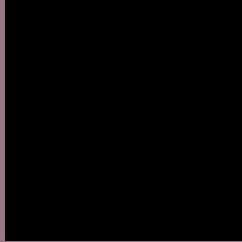
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5922, 21.2982, 24.6973

Background



This preview shows how black text looks on a background with the XYZ color 23.5922, 21.2982, 24.6973.



This preview shows how white text looks on a background with the XYZ color 23.5922, 21.2982,

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

23.5922, 21.2982, 24.6973

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

21.7856, 21.4573, 24.4662



Tritanopia

23.2556, 21.3315, 23.3138

Trichromacy



Original Color

23.5922, 21.2982, 24.6973

Protanomaly

21.7342, 21.3988, 25.9065

Deuteranomaly

22.3840, 21.3974, 24.4231

Tritanomaly

23.3218, 21.3579, 23.6622

Monochromacy



Original Color

23.5922, 21.2982, 24.6973

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.0388, 21.9637, 24.5506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5922, 21.2982, 24.6973 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(152, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(152, 118, 132)  
}
```

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(152, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 118, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.5922, 21.2982, 24.6973 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(152, 118, 132) }
```


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

```
.border{ border-color:rgb(152, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(152, 118,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5922, 21.2982, 24.6973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 118, 132) }
```

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

```
.background{ background-color: rgb(152,  
118, 132) }
```

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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