

Converting Colors

XYZ(23.4564, 22.3179, 22.0405)

Have a look what the booklet for
XYZ(23.4564, 22.3179, 22.0405)
contains.

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Color

**XYZ(23.4234, 22.3546,
22.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	967C7C
RGB	150, 124, 124
RGB Percent	59%, 49%, 49%
CMY	0.4118, 0.5137, 0.5137
CMYK	0.00, 0.17, 0.17, 0.41
HSL	0°, 11%, 54%
HSV	0°, 17%, 59%
XYZ	23.4234, 22.3546, 22.1491
YIQ	131.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

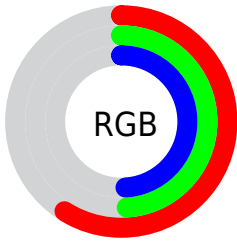
Format	Color
R _Y B	150, 124, 124
Decimal	9862268
CIE Lab	54.40, 10.02, 3.76
CIE LCh	54, 10.706, 20.548
Yxy	22.3546, 0.3448, 0.3291
Android (android.graphics.Color)	4288052348 (0xFF967C7C)
YUV	131.7740, -3.8326, 15.9842
Hunter-Lab	47.2807, 5.6899, 5.3215

Details

The XYZ color **23.4234, 22.3546, 22.1491** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7232, 28.2990, 33.0135**, and the grayscale version is **21.8607, 22.9992, 25.0461**.

A 20% lighter version of the original color is **48.4605, 47.4162, 47.6724**, and **8.9317, 8.1928, 7.7672** is the 20% darker color. If you saturate the color by 10%, you get **20.8073, 18.5267, 16.9476**, and if you desaturate by 10%, it is **26.4709, 26.8140, 28.2069**.

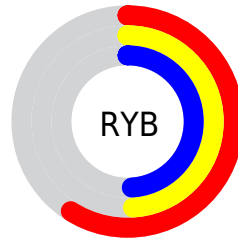
Distribution



Red (59%)

Green (49%)

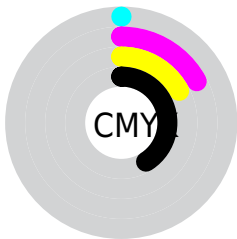
Blue (49%)



Red (59%)

Yellow (49%)

Blue (49%)

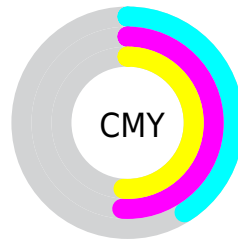


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4234, 22.3546, 22.1491 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 23.4234, 22.3546, 22.1491 by changing the saturation by 10% instead.

■ 23.4234, 22.3546,
22.1491

■ 23.4234, 22.3546,
22.1491

262.3872,
264.3925, 276.3028

■ 15.0289, 14.1177,
13.7671

■ 48.5492, 47.3314,
47.8976

■ 8.9261, 8.2026,
7.8220

■ 66.0111, 64.8400,
66.1013

■ 4.7497, 4.2248,
3.8951

■ 87.2263, 86.2081,
88.4160

■ 2.1344, 1.8001,
1.5680

112.5600,
111.8198, 115.2601

■ 0.7078, 0.4872,
0.2678

142.3775,
142.0598, 147.0523

■ 0.0000, 0.0000,
0.0000

177.0444,

177.3123, 184.2112

216.9258,
217.9617, 227.1551

■ 23.4234, 22.3546,
22.1491

■ 23.4234, 22.3546,
22.1491

■ 20.8073, 18.5267,
16.9476

■ 26.4709, 26.8140,
28.2069

■ 18.6015, 15.2990,
12.5625

■ 29.9662, 31.9285,
35.1557

■ 16.7857, 12.6419,
8.9527

■ 33.9270, 37.7241,
43.0299

■ 15.3372, 10.5223,
6.0732

■ 38.3694, 44.2245,
51.8619

■ 14.2310, 8.9035,
3.8743

■ 43.3090, 51.4523,
61.6821

■ 13.4389, 7.7444,
2.2999

■ 48.7604, 59.4290,
72.5200

■ 12.9284, 6.9974,
1.2854

■ 54.7378, 68.1753,
84.4037

■ 12.6432, 6.5800,
0.7186

■ 61.2547, 77.7112,
97.3601

■ 12.5779, 6.4844,
0.5887

■ 66.3877, 85.2241,
107.5586

Harmonies

Analogous

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



23.5437, 22.3546, 25.4134



23.4234, 22.3546, 22.1491



22.7086, 22.3546, 19.6984

Triad

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



23.4234, 22.3546, 22.1491



19.5578, 22.3546, 20.4731



20.8802, 22.3546, 31.2620

Complementary

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



23.4234, 22.3546, 22.1491



24.7232, 28.2990, 33.0135

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.



19.8502, 22.3546, 29.6597



23.4234, 22.3546, 22.1491



19.1054, 22.3546, 23.2980

Square

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



23.4234, 22.3546, 22.1491



20.4678, 22.3546, 18.7941



19.2105, 22.3546, 26.6716



22.0465, 22.3546, 30.8827

Rectangle

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



23.4234, 22.3546, 22.1491



22.0051, 22.3546, 18.7587



19.2105, 22.3546, 26.6716



20.5073, 22.3546, 30.9321

Sweetspot

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



23.4240, 22.3556, 22.1496



48.0237, 49.2354, 52.3801



25.2905, 23.1016, 31.9804



10.5597, 10.7897, 11.4431



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.



23.4240, 22.3556, 22.1496



39.3638, 36.5636, 35.1640



25.1616, 25.8308, 22.7288



5.8009, 5.8155, 6.0572



10.4318, 5.3781, 0.4883



0.1277, 0.0658, 0.0060

Inverse Universe

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



24.7232, 28.2990, 33.0135



42.1175, 49.1608, 58.1904



22.7631, 24.3787, 32.3601



5.9641, 6.5621, 7.4220



13.6089, 19.9127, 27.0573



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 23.4234, 22.3546, 22.1491 looks on a white background.

Color Contrast Check

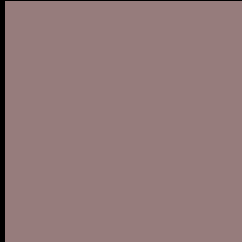
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4234, 22.3546, 22.1491 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

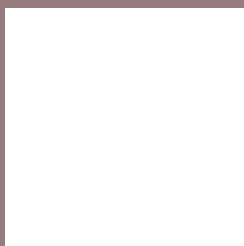
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4234, 22.3546, 22.1491

Background



This preview shows how black text looks on a background with the XYZ color 23.4234, 22.3546, 22.1491.



This preview shows how white text looks on a background with the XYZ color 23.4234, 22.3546,

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

23.4234, 22.3546, 22.1491

Protanopia

21.4863, 22.4841, 23.2861

Deuteranopia

22.7760, 22.3967, 22.1914



Tritanopia

24.0103, 22.4112, 24.8901

Trichromacy



Original Color

23.4234, 22.3546, 22.1491

Protanomaly

22.1325, 22.4337, 22.9023

Deuteranomaly

23.0043, 22.3255, 22.1656

Tritanomaly

23.8079, 22.3302, 23.8242

Monochromacy



Original Color

23.4234, 22.3546, 22.1491

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4602, 22.7745, 23.9810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4234, 22.3546, 22.1491 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, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(150, 124, 124)  
}
```

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, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.4234, 22.3546, 22.1491 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, 124, 124) }
```


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

```
.border{ border-color:rgb(150, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(150, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4234, 22.3546, 22.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 124, 124) }
```

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

```
.background{ background-color: rgb(150,  
124, 124) }
```

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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