

Converting Colors

XYZ(23.9101, 22.0829, 21.0994)

Have a look what the booklet for
XYZ(23.9101, 22.0829, 21.0994)
contains.

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Color

**XYZ(23.9989, 22.1231,
21.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7979
RGB	156, 121, 121
RGB Percent	61%, 47%, 47%
CMY	0.3882, 0.5255, 0.5255
CMYK	0.00, 0.22, 0.22, 0.39
HSL	0°, 15%, 54%
HSV	0°, 22%, 61%
XYZ	23.9989, 22.1231, 21.0945
YIQ	131.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

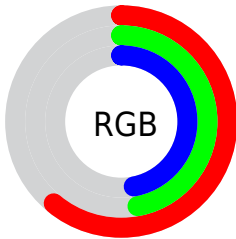
Format	Color
R_{YB}	156, 121, 121
Decimal	10254713
CIE _{Lab}	54.16, 13.62, 5.23
CIE _{LCh}	54, 14.593, 21.020
Yxy	22.1231, 0.3570, 0.3291
Android (android.graphics.Color)	4288444793 (0xFF9C7979)
YUV	131.4650, -5.1592, 21.5172
Hunter-Lab	47.0352, 8.7649, 6.3341

Details

The XYZ color **23.9989, 22.1231, 21.0945** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7743, 30.2416, 35.9316**, and the grayscale version is **21.7529, 22.8858, 24.9226**.

A 20% lighter version of the original color is **49.3504, 46.7532, 45.9584**, and **9.2289, 8.0588, 7.3724** is the 20% darker color. If you saturate the color by 10%, you get **21.3738, 18.2820, 15.8752**, and if you desaturate by 10%, it is **27.0865, 26.6412, 27.2318**.

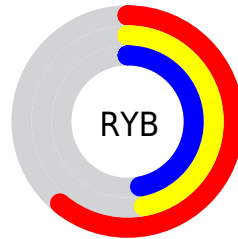
Distribution



Red (61%)

Green (47%)

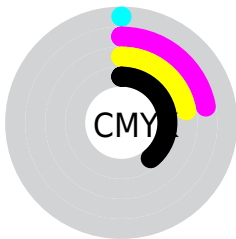
Blue (47%)



Red (61%)

Yellow (47%)

Blue (47%)

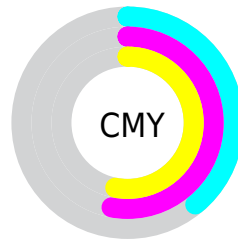


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (39%)



Cyan (39%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9989, 22.1231, 21.0945 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 23.9989, 22.1231, 21.0945 by changing the saturation by 10% instead.

■ 23.9989, 22.1231,
21.0945

■ 23.9989, 22.1231,
21.0945

265.2555,
263.1885, 270.5778

■ 15.4575, 13.9474,
13.0012

■ 49.4831, 46.9494,
46.1276

■ 9.2295, 8.0841,
7.2986

■ 67.1566, 64.3687,
63.9044

■ 4.9495, 4.1488,
3.5683

■ 88.6049, 85.6380,
85.7462

■ 2.2521, 1.7571,
1.3916

114.1934,
111.1418, 112.0714

■ 0.7700, 0.4602,
0.1352

144.2873,
141.2643, 143.2987

■ 0.0000, 0.0000,
0.0000

179.2521,

176.3900, 179.8465

219.4530,
216.9032, 222.1333

■ 23.9989, 22.1231,
21.0945

■ 23.9989, 22.1231,
21.0945

■ 21.3738, 18.2820,
15.8752

■ 27.0865, 26.6412,
27.2318

■ 19.1872, 15.0824,
11.5284

■ 30.6554, 31.8635,
34.3268

■ 17.4159, 12.4903,
8.0071


■ 34.7256, 37.8193,
42.4184


■ 16.0334, 10.4674,
5.2589


■ 39.3155, 44.5355,
51.5431


■ 15.0107, 8.9708,
3.2260


■ 44.4424, 52.0376,
61.7356


 14.3143, 7.9518,
1.8418

 50.1230, 60.3497,
73.0287

 13.9048, 7.3524,
1.0278

 56.3731, 69.4953,
85.4541

 13.7106, 7.0682,
0.6417

 63.2080, 79.4965,
99.0421

 67.5204, 85.8080,
107.6116

Harmonies

Analogous

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



24.1798, 22.1231, 25.4750



23.9989, 22.1231, 21.0945



23.0010, 22.1231, 17.9267

Triad

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



23.9989, 22.1231, 21.0945



18.7486, 22.1231, 19.0097



20.5557, 22.1231, 33.7667

Complementary

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



23.9989, 22.1231, 21.0945



25.7743, 30.2416, 35.9316

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.



19.1699, 22.1231, 31.5211



23.9989, 22.1231, 21.0945



18.1615, 22.1231, 22.7529

Square

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



23.9989, 22.1231, 21.0945



19.9542, 22.1231, 16.8322



18.3118, 22.1231, 27.3527



22.1383, 22.1231, 33.1774

Rectangle

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



23.9989, 22.1231, 21.0945



22.0331, 22.1231, 16.7487



18.3118, 22.1231, 27.3527



20.0527, 22.1231, 33.3090

Sweetspot

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



23.9995, 22.1241, 21.0950



52.5186, 53.2490, 56.0650



26.5487, 23.1433, 34.5206



11.4812, 11.6072, 12.1873



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.9995, 22.1241, 21.0950



41.0557, 36.4756, 33.2769



26.3222, 26.7695, 21.8692



6.6331, 6.6462, 6.9189



11.2932, 5.8220, 0.5285



0.2019, 0.1041, 0.0095

Inverse Universe

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



25.7743, 30.2416, 35.9316



44.8708, 53.9255, 65.1705



23.0466, 24.7864, 35.0224



6.8218, 7.5094, 8.4966



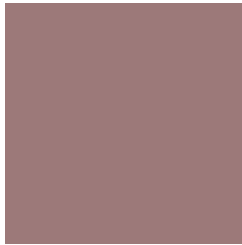
14.7337, 21.5589, 29.2920



0.2635, 0.3855, 0.5238

Previews

White Background



This preview shows how the XYZ color 23.9989, 22.1231, 21.0945 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 23.9989, 22.1231, 21.0945 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 23.9989, 22.1231, 21.0945

Background



This preview shows how black text looks on a background with the XYZ color 23.9989, 22.1231, 21.0945.



This preview shows how white text looks on a background with the XYZ color 23.9989, 22.1231,

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

23.9989, 22.1231, 21.0945

Protanopia

21.2248, 22.1677, 22.5622

Deuteranopia

22.5778, 22.1343, 20.8517



Tritanopia

24.5835, 22.1860, 23.7555

Trichromacy



Original Color

23.9989, 22.1231, 21.0945

Protanomaly

22.0834, 22.0397, 22.1589

Deuteranomaly

23.1755, 22.2554, 20.8435

Tritanomaly

24.3870, 22.1074, 22.7205

Monochromacy



Original Color

23.9989, 22.1231, 21.0945

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2354, 22.2865, 23.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9989, 22.1231, 21.0945 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(156, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(156, 121, 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(156, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 121, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.9989, 22.1231, 21.0945 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(156, 121, 121) }
```


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

```
.border{ border-color:rgb(156, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(156, 121,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9989, 22.1231, 21.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 121, 121) }
```

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

```
.background{ background-color: rgb(156,  
121, 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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