

Converting Colors

XYZ(24.5241, 22.6493, 23.9063)

Have a look what the booklet for
XYZ(24.5241, 22.6493, 23.9063)
contains.

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Color

**XYZ(24.5630, 22.7195,
23.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7B81
RGB	155, 123, 129
RGB Percent	61%, 48%, 51%
CMY	0.3922, 0.5176, 0.4941
CMYK	0.00, 0.21, 0.17, 0.39
HSL	349°, 14%, 55%
HSV	349°, 21%, 61%
XYZ	24.5630, 22.7195, 23.8596
YIQ	133.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

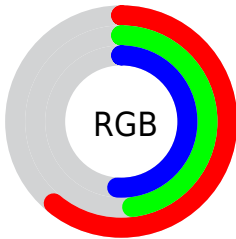
Format	Color
R_{YB}	155, 123, 129
Decimal	10189697
CIE _{Lab}	54.78, 13.39, 1.46
CIE _{LCh}	55, 13.465, 6.230
Yxy	22.7195, 0.3453, 0.3194
Android (android.graphics.Color)	4288379777 (0xFF9B7B81)
YUV	133.2520, -2.0962, 19.0730
Hunter-Lab	47.6650, 8.5720, 3.6868

Details

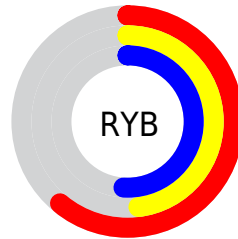
The XYZ color **24.5630, 22.7195, 23.8596** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3155, 29.8241, 32.8576**, and the grayscale version is **22.3897, 23.5557, 25.6522**.

A 20% lighter version of the original color is **50.5472, 48.1297, 50.8818**, and **9.4903, 8.3603, 8.7029** is the 20% darker color. If you saturate the color by 10%, you get **22.0041, 18.8598, 19.1277**, and if you desaturate by 10%, it is **27.5308, 27.2314, 29.2376**.

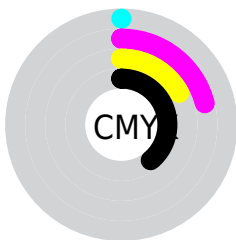
Distribution



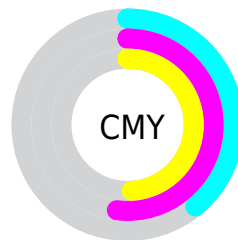
- Red (61%)
- Green (48%)
- Blue (51%)



- Red (61%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5630, 22.7195, 23.8596 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 24.5630, 22.7195, 23.8596 by changing the saturation by 10% instead.

■ 24.5630, 22.7195,
23.8596

■ 24.5630, 22.7195,
23.8596

268.0426,
266.2810, 285.3736

■ 15.8788, 14.3865,
15.0183

■ 50.3954, 47.9323,
50.7419

■ 9.5287, 8.3900,
8.6854

■ 68.2743, 65.5810,
69.6200

■ 5.1475, 4.3455,
4.4426

■ 89.9488, 87.1036,
92.6808

■ 2.3697, 1.8686,
1.8711

115.7842,
112.8847, 120.3428

■ 0.8300, 0.5294,
0.4743

146.1459,
143.3086, 153.0245

■ 0.0000, 0.0000,
0.0000

181.3993,

178.7597, 191.1445

221.9098,
219.6223, 235.1213

■ 24.5630, 22.7195,
23.8596

■ 24.5630, 22.7195,
23.8596

■ 22.0041, 18.8598,
19.1277

■ 27.5308, 27.2314,
29.2376

■ 19.8343, 15.6192,
15.0159

■ 30.9226, 32.4206,
35.2833

■ 18.0346, 12.9663,
11.4987

■ 34.7549, 38.3146,
42.0192

■ 16.5841, 10.8655,
8.5482

■ 39.0428, 44.9384,
49.4662

■ 15.4595, 9.2777,
6.1343

■ 43.8007, 52.3158,
57.6445

■ 14.6346, 8.1584,
4.2238

■ 49.0423, 60.4696,
66.5732

■ 14.0790, 7.4554,
2.7799

■ 54.7809, 69.4216,
76.2710

■ 13.7401, 7.0576,
1.8038

■ 61.0291, 79.1926,
86.7558

■ 65.3581, 84.9208,
97.2312

Harmonies

Analogous

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



24.3179, 22.7195, 28.1870



24.5630, 22.7195, 23.8596



23.9836, 22.7195, 20.2068

Triad

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



24.5630, 22.7195, 23.8596



19.9480, 22.7195, 18.7030



20.4622, 22.7195, 33.0137

Complementary

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



24.5630, 22.7195, 23.8596



25.3155, 29.8241, 32.8576

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.



19.3690, 22.7195, 29.8998



24.5630, 22.7195, 23.8596



19.0818, 22.7195, 21.5819

Square

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



24.5630, 22.7195, 23.8596



21.2854, 22.7195, 17.4578



18.8748, 22.7195, 25.6370



21.9060, 22.7195, 33.8032

Rectangle

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



24.5630, 22.7195, 23.8596



23.2228, 22.7195, 18.5360



18.8748, 22.7195, 25.6370



20.0436, 22.7195, 32.1880

Sweetspot

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



24.5636, 22.7205, 23.8601



51.9576, 52.8208, 57.1106



25.3217, 22.8856, 34.0933



11.6796, 11.8322, 12.7825



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.



24.5636, 22.7205, 23.8601



41.6806, 37.1979, 38.4829



25.4263, 25.0653, 22.2382



6.2538, 6.2407, 6.7164



11.0471, 5.6731, 1.5069



0.1754, 0.0889, 0.0765

Inverse Universe

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



24.5636, 22.7205, 23.8601



41.6806, 37.1979, 38.4829



24.2723, 26.9516, 34.9335



6.2538, 6.2407, 6.7164



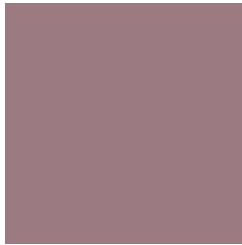
11.0471, 5.6731, 1.5069



0.1754, 0.0889, 0.0765

Previews

White Background



This preview shows how the XYZ color 24.5630, 22.7195, 23.8596 looks on a white background.

Color Contrast Check

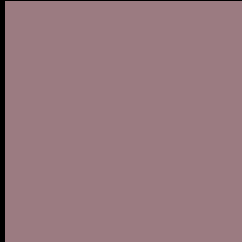
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5630, 22.7195, 23.8596 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 24.5630, 22.7195, 23.8596

Background



This preview shows how black text looks on a background with the XYZ color 24.5630, 22.7195, 23.8596.



This preview shows how white text looks on a background with the XYZ color 24.5630, 22.7195,

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

24.5630, 22.7195, 23.8596

Protanopia

22.0228, 22.9126, 25.4521

Deuteranopia

23.1627, 22.7570, 23.5938



Tritanopia

24.7654, 22.8004, 24.9254

Trichromacy



Original Color

24.5630, 22.7195, 23.8596

Protanomaly

22.8685, 22.7670, 25.0190

Deuteranomaly

23.7516, 22.8698, 23.5845

Tritanomaly

24.6973, 22.7732, 24.5667

Monochromacy



Original Color

24.5630, 22.7195, 23.8596

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9996, 23.0292, 25.0627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5630, 22.7195, 23.8596 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(155, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(155, 123, 129)  
}
```

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(155, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 123, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.5630, 22.7195, 23.8596 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(155, 123, 129) }
```


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

```
.border{ border-color:rgb(155, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(155, 123,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5630, 22.7195, 23.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 123, 129) }
```

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

```
.background{ background-color: rgb(155,  
123, 129) }
```

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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