

Converting Colors

XYZ(23.9617, 22.7502, 25.3186)

Have a look what the booklet for
XYZ(23.9617, 22.7502, 25.3186)
contains.

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Color

**XYZ(23.9617, 22.7502,
25.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	957D85
RGB	149, 125, 133
RGB Percent	58%, 49%, 52%
CMY	0.4157, 0.5098, 0.4784
CMYK	0.00, 0.16, 0.11, 0.42
HSL	340°, 10%, 54%
HSV	340°, 16%, 58%
XYZ	23.9617, 22.7502, 25.3186
YIQ	133.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

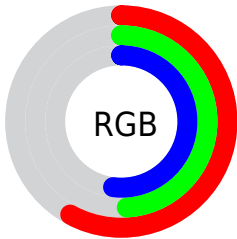
Format	Color
R_{YB}	149, 125, 133
Decimal	9796997
CIE _{Lab}	54.81, 10.63, -0.89
CIE _{LCh}	55, 10.666, 355.197
Yxy	22.7502, 0.3327, 0.3158
Android (android.graphics.Color)	4287987077 (0xFF957D85)
YUV	133.0880, -0.0434, 13.9548
Hunter-Lab	47.6972, 6.2033, 1.9157

Details

The XYZ color **23.9617, 22.7502, 25.3186** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0135, 27.7786, 29.2968**, and the grayscale version is **22.3240, 23.4866, 25.5769**.

A 20% lighter version of the original color is **49.4119, 48.0825, 53.1309**, and **9.2217, 8.4056, 9.5239** is the 20% darker color. If you saturate the color by 10%, you get **21.5610, 18.9955, 21.2908**, and if you desaturate by 10%, it is **26.7116, 27.0988, 29.7837**.

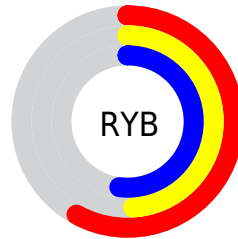
Distribution



Red (58%)

Green (49%)

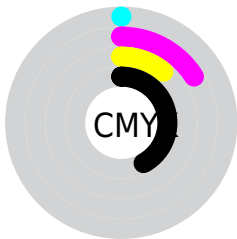
Blue (52%)



Red (58%)

Yellow (49%)

Blue (52%)

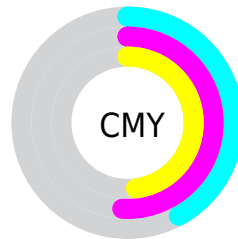


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9617, 22.7502, 25.3186 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 23.9617, 22.7502, 25.3186 by changing the saturation by 10% instead.

■ 23.9617, 22.7502,
25.3186

■ 23.9617, 22.7502,
25.3186

265.0709,
266.4394, 292.9192

■ 15.4298, 14.4092,
16.0934

■ 49.4228, 47.9828,
53.1441

■ 9.2099, 8.4058,
9.4352

■ 67.0828, 65.6432,
72.5815

■ 4.9365, 4.3557,
4.9255

■ 88.5161, 87.1788,
96.2601

■ 2.2444, 1.8745,
2.1456

114.0881,
112.9741, 124.5984

■ 0.7660, 0.5330,
0.6427

144.1643,
143.4134, 158.0149

■ 0.0000, 0.0000,
0.0000

179.1099,

178.8811, 196.9282

219.2903,
219.7616, 241.7567

■ 23.9617, 22.7502,
25.3186

■ 23.9617, 22.7502,
25.3186

■ 21.5610, 18.9955,
21.2908

■ 26.7116, 27.0988,
29.7837

■ 19.4932, 15.8059,
17.6852

■ 29.8223, 32.0626,
34.6975

■ 17.7436, 13.1547,
14.4879

■ 33.3072, 37.6654,
40.0731

■ 16.2956, 11.0117,
11.6837

■ 37.1783, 43.9290,
45.9224

■ 15.1309, 9.3437,
9.2563

■ 41.4474, 50.8741,
52.2567

■ 14.2292, 8.1138,
7.1882

■ 46.1254, 58.5203,
59.0874

■ 13.5674, 7.2792,
5.4602

■ 51.2231, 66.8867,
66.4249

■ 13.1123, 6.7775,
4.0489

■ 56.7506, 75.9915,
74.2797

■ 12.9629, 6.6170,
3.5729

■ 61.3946, 83.2056,
82.2209

Harmonies

Analogous

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



23.5385, 22.7502, 28.6641



23.9617, 22.7502, 25.3186



23.7399, 22.7502, 22.1089

Triad

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



23.9617, 22.7502, 25.3186



20.6726, 22.7502, 19.3492



20.3553, 22.7502, 30.4931

Complementary

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



23.9617, 22.7502, 25.3186



24.0135, 27.7786, 29.2968

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.



19.6365, 22.7502, 27.6389



23.9617, 22.7502, 25.3186



19.8150, 22.7502, 21.2476

Square

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



23.9617, 22.7502, 25.3186



21.8137, 22.7502, 18.8490



19.4424, 22.7502, 24.2316



21.4342, 22.7502, 31.8195

Rectangle

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



23.9617, 22.7502, 25.3186



23.2603, 22.7502, 20.4446



19.4424, 22.7502, 24.2316



20.0651, 22.7502, 29.6686

Sweetspot

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



23.9623, 22.7512, 25.3191



48.3662, 49.3720, 54.1850



23.7437, 22.5009, 31.5259



10.6444, 10.8235, 11.8895



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.



23.9623, 22.7512, 25.3191



41.4350, 38.4233, 42.8916



23.9471, 23.5717, 22.6908



5.8758, 5.8454, 6.4520



10.9226, 5.5741, 3.0737



0.1463, 0.0733, 0.1040

Inverse Universe

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



23.9623, 22.7512, 25.3191



41.4350, 38.4233, 42.8916



24.0084, 26.7814, 32.3381



5.8758, 5.8454, 6.4520



10.9226, 5.5741, 3.0737



0.1463, 0.0733, 0.1040

Previews

White Background



This preview shows how the XYZ color 23.9617, 22.7502, 25.3186 looks on a white background.

Color Contrast Check

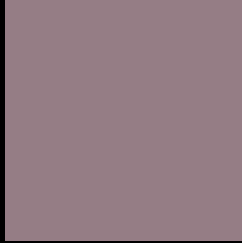
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9617, 22.7502, 25.3186 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 23.9617, 22.7502, 25.3186

Background



This preview shows how black text looks on a background with the XYZ color 23.9617, 22.7502, 25.3186.



This preview shows how white text looks on a background with the XYZ color 23.9617, 22.7502,

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

23.9617, 22.7502, 25.3186

Protanopia

22.0760, 22.9157, 26.5522

Deuteranopia

23.1507, 22.7118, 25.3540



Tritanopia

24.0311, 22.7780, 25.6843

Trichromacy



Original Color

23.9617, 22.7502, 25.3186

Protanomaly

22.7047, 22.8531, 26.1361

Deuteranomaly

23.3715, 22.6349, 25.3275

Tritanomaly

24.0311, 22.7780, 25.6843

Monochromacy



Original Color

23.9617, 22.7502, 25.3186

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8637, 23.1477, 25.4532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9617, 22.7502, 25.3186 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(149, 125, 133) looks like.

```
.text, #text, p{  
    color:rgb(149, 125, 133)  
}
```

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(149, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 125, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.9617, 22.7502, 25.3186 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(149, 125, 133) }
```


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

```
.border{ border-color:rgb(149, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 125,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9617, 22.7502, 25.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 125, 133) }
```

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

```
.background{ background-color: rgb(149,  
125, 133) }
```

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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