

Converting Colors

XYZ(25.9657, 24.2938, 23.9617)

Have a look what the booklet for
XYZ(25.9657, 24.2938, 23.9617)
contains.

XYZ(25.9797, 24.3943, 24.1082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9797, 24.3943,
24.1082)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8081
RGB	159, 128, 129
RGB Percent	62%, 50%, 51%
CMY	0.3765, 0.4980, 0.4941
CMYK	0.00, 0.19, 0.19, 0.38
HSL	358°, 14%, 56%
HSV	358°, 19%, 62%
XYZ	25.9797, 24.3943, 24.1082
YIQ	137.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

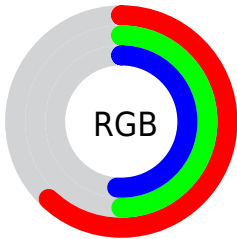
Format	Color
R_{YB}	159, 128, 129
Decimal	10453121
CIE Lab	56.48, 12.07, 3.97
CIE LCh	56, 12.711, 18.208
Yxy	24.3943, 0.3488, 0.3275
Android (android.graphics.Color)	4288643201 (0xFF9F8081)
YUV	137.3830, -4.1328, 18.9581
Hunter-Lab	49.3906, 7.4584, 5.6332

Details

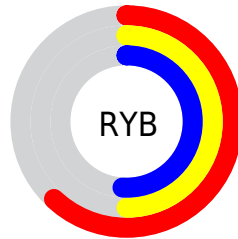
The XYZ color **25.9797, 24.3943, 24.1082** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4728, 31.8546, 37.0499**, and the grayscale version is **23.9338, 25.1802, 27.4212**.

A 20% lighter version of the original color is **52.6989, 50.7213, 51.2686**, and **10.3074, 9.2970, 8.8407** is the 20% darker color. If you saturate the color by 10%, you get **23.1190, 20.1884, 18.4824**, and if you desaturate by 10%, it is **29.3208, 29.3140, 30.6548**.

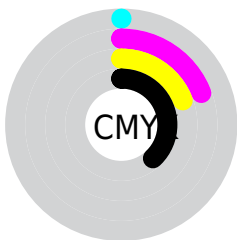
Distribution



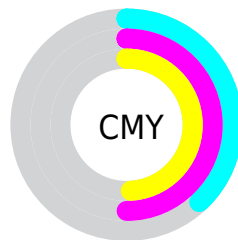
- Red (62%)
- Green (50%)
- Blue (51%)



- Red (62%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9797, 24.3943, 24.1082 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 25.9797, 24.3943, 24.1082 by changing the saturation by 10% instead.

■ 25.9797, 24.3943,
24.1082

■ 25.9797, 24.3943,
24.1082

274.9409,
274.8079, 286.6712

■ 16.9411, 15.6264,
15.2010

■ 52.6737, 50.6729,
51.1528

■ 10.2875, 9.2602,
8.8124

■ 71.0598, 68.9523,
70.1271

■ 5.6537, 4.9113,
4.5239

■ 93.2924, 91.1711,
93.2943

■ 2.6743, 2.1953,
1.9169

119.7370,
117.7135, 121.0729

■ 0.9840, 0.7174,
0.5035

150.7587,
148.9640, 153.8813

■ 0.0000, 0.0000,
0.0000

186.7230,

185.3069, 192.1381

227.9953,
227.1268, 236.2619

■ 25.9797, 24.3943,
24.1082

■ 25.9797, 24.3943,
24.1082

■ 23.1190, 20.1884,
18.4824

■ 29.3208, 29.3140,
30.6548

■ 20.7148, 16.6601,
13.7346

■ 33.1608, 34.9751,
38.1593

■ 18.7441, 13.7749,
9.8211

■ 37.5198, 41.4075,
46.6585

■ 17.1810, 11.4941,
6.6937

■ 42.4162, 48.6388,
56.1870

■ 15.9970, 9.7748,
4.2992

■ 47.8672, 56.6949,
66.7775

■ 15.1598, 8.5683,
2.5780

■ 53.8896, 65.6009,
78.4616

■ 14.6320, 7.8179,
1.4610

■ 60.4993, 75.3805,
91.2691

■ 14.3391, 7.4013,
0.8420

■ 67.6464, 85.9262,
105.2074

■ 14.3261, 7.3822,
0.8167

■ 68.1081, 86.1110,
107.6391

Harmonies

Analogous

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



26.0683, 24.3943, 28.2522



25.9797, 24.3943, 24.1082



25.1237, 24.3943, 20.9649

Triad

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



25.9797, 24.3943, 24.1082



21.1393, 24.3943, 21.5176



22.6125, 24.3943, 35.3117

Complementary

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



25.9797, 24.3943, 24.1082



27.4728, 31.8546, 37.0499

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.



21.3507, 24.3943, 33.0742



25.9797, 24.3943, 24.1082



20.5245, 24.3943, 24.9391

Square

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



25.9797, 24.3943, 24.1082



22.3129, 24.3943, 19.5818



20.6002, 24.3943, 29.1753



24.0817, 24.3943, 35.0285

Rectangle

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



25.9797, 24.3943, 24.1082



24.2526, 24.3943, 19.7236



20.6002, 24.3943, 29.1753



22.1512, 24.3943, 34.8205

Sweetspot

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



25.9804, 24.3954, 24.1087



54.7335, 55.7742, 59.2474



28.0718, 25.2084, 36.1872



12.2486, 12.4401, 13.1793



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.9804, 24.3954, 24.1087



44.4075, 40.5700, 39.0106



27.9376, 28.4155, 24.4358



6.6413, 6.6494, 6.9621



11.3183, 5.8319, 0.6610



0.2046, 0.1052, 0.0236

Inverse Universe

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



25.9804, 24.3954, 24.1087



44.4075, 40.5700, 39.0106



25.2153, 27.2018, 36.7225



6.6413, 6.6494, 6.9621



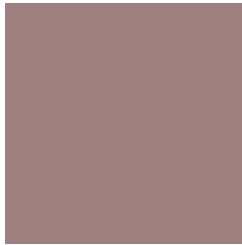
11.3183, 5.8319, 0.6610



0.2046, 0.1052, 0.0236

Previews

White Background



This preview shows how the XYZ color 25.9797, 24.3943, 24.1082 looks on a white background.

Color Contrast Check

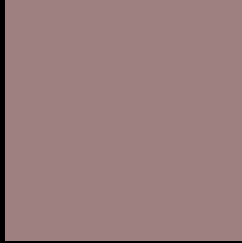
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9797, 24.3943, 24.1082 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 25.9797, 24.3943, 24.1082

Background



This preview shows how black text looks on a background with the XYZ color 25.9797, 24.3943, 24.1082.



This preview shows how white text looks on a background with the XYZ color 25.9797, 24.3943,

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

25.9797, 24.3943, 24.1082

Protanopia

23.5451, 24.5104, 25.6803

Deuteranopia

24.7751, 24.3704, 23.8202



Tritanopia

26.6019, 24.4585, 26.9858

Trichromacy



Original Color

25.9797, 24.3943, 24.1082

Protanomaly

24.2702, 24.2795, 25.2370

Deuteranomaly

25.2053, 24.3938, 23.8021

Tritanomaly

26.3897, 24.3736, 25.8679

Monochromacy



Original Color

25.9797, 24.3943, 24.1082

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5052, 24.7912, 26.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9797, 24.3943, 24.1082 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(159, 128, 129)` looks like.

```
.text, #text, p{  
    color:rgb(159, 128, 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(159, 128, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 128, 129) }
```

Border

The CSS property to change the border of an element to XYZ 25.9797, 24.3943, 24.1082 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(159, 128, 129) }
```


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

```
.border{ border-color:rgb(159, 128, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 128, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 128, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 128, 129);  
box-shadow:4px 4px 4px 4px rgb(159, 128,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9797, 24.3943, 24.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 128, 129) }
```

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

```
.background{ background-color: rgb(159,  
128, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor