

Converting Colors

XYZ(25.4357, 24.2591, 22.9372)

Have a look what the booklet for
XYZ(25.4357, 24.2591, 22.9372)
contains.

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Color

**XYZ(25.5208, 24.3750,
23.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	9D817E
RGB	157, 129, 126
RGB Percent	62%, 51%, 49%
CMY	0.3843, 0.4941, 0.5059
CMYK	0.00, 0.18, 0.20, 0.38
HSL	6°, 14%, 55%
HSV	6°, 20%, 62%
XYZ	25.5208, 24.3750, 23.0984
YIQ	137.0300, 17.6510, 5.0030

Conversions

Conversions Part 2

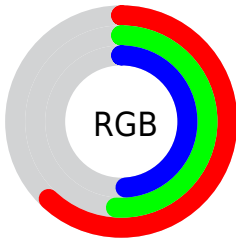
Format	Color
R_{YB}	157, 129, 126
Decimal	10322302
CIE _{Lab}	56.46, 10.24, 5.65
CIE _{LCh}	56, 11.692, 28.910
Yxy	24.3750, 0.3496, 0.3339
Android (android.graphics.Color)	4288512382 (0xFF9D817E)
YUV	137.0300, -5.4378, 17.5137
Hunter-Lab	49.3710, 5.8706, 6.8207

Details

The XYZ color **25.5208, 24.3750, 23.0984** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2453, 29.9804, 36.3020**, and the grayscale version is **23.8050, 25.0447, 27.2737**.

A 20% lighter version of the original color is **52.0160, 50.7076, 49.6938**, and **10.0339, 9.2764, 8.2829** is the 20% darker color. If you saturate the color by 10%, you get **22.8464, 20.5221, 17.5949**, and if you desaturate by 10%, it is **28.6148, 28.8121, 29.5268**.

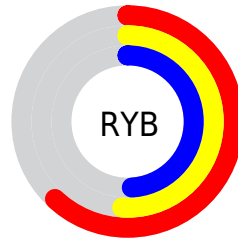
Distribution



Red (62%)

Green (51%)

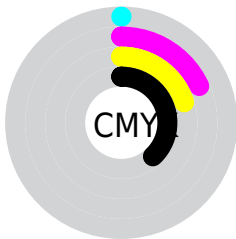
Blue (49%)



Red (62%)

Yellow (51%)

Blue (49%)

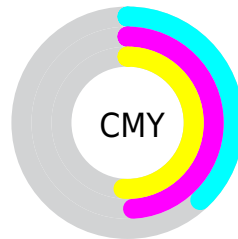


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5208, 24.3750, 23.0984 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 25.5208, 24.3750, 23.0984 by changing the saturation by 10% instead.

■ 25.5208, 24.3750,
23.0984

■ 25.5208, 24.3750,
23.0984

272.7218,
274.7109, 281.3683

■ 16.5963, 15.6120,
14.4602

■ 51.9377, 50.6415,
49.4801

■ 10.0406, 9.2500,
8.2990

■ 70.1608, 68.9137,
68.0607

■ 5.4884, 4.9046,
4.1964

■ 92.2141, 91.1246,
90.7924

■ 2.5742, 2.1914,
1.7337

118.4630,
117.6584, 118.0940

■ 0.9328, 0.7153,
0.3837

149.2729,
148.8995, 150.3838

■ 0.0000, 0.0000,
0.0000

185.0091,

185.2324, 188.0804

226.0369,
227.0414, 231.6024

■ 25.5208, 24.3750,
23.0984

■ 25.5208, 24.3750,
23.0984

■ 22.8464, 20.5221,
17.5949

■ 28.6148, 28.8121,
29.5268

■ 20.5715, 17.2259,
12.9723

■ 32.1432, 33.8529,
36.9182

■ 18.6776, 14.4616,
9.1852

■ 36.1227, 39.5199,
45.3107

■ 17.1436, 12.2013,
6.1836

■ 40.5685, 45.8338,
54.7396

■ 15.9465, 10.4145,
3.9123

■ 45.4950, 52.8139,
65.2387

■ 15.0608, 9.0675,
2.3087

■ 50.9161, 60.4791,
76.8400

■ 14.4570, 8.1218,
1.2999

■ 56.8450, 68.8472,
89.5745

■ 14.0859, 7.5270,
0.7220

■ 63.2946, 77.9358,
103.4717

■ 14.0785, 7.5157,
0.7087

■ 67.7147, 85.9081,
107.6207

Harmonies

Analogous

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



25.8677, 24.3750, 26.6822



25.5208, 24.3750, 23.0984



24.5374, 24.3750, 20.6568

Triad

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



25.5208, 24.3750, 23.0984



21.0102, 24.3750, 22.8753



23.1182, 24.3750, 34.7094

Complementary

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



25.5208, 24.3750, 23.0984



26.2453, 29.9804, 36.3020

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.



21.8499, 24.3750, 33.4465



25.5208, 24.3750, 23.0984



20.6624, 24.3750, 26.3987

Square

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



25.5208, 24.3750, 23.0984



21.9325, 24.3750, 20.5370



20.9639, 24.3750, 30.3080



24.4484, 24.3750, 33.6122

Rectangle

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



25.5208, 24.3750, 23.0984



23.6718, 24.3750, 19.8788



20.9639, 24.3750, 30.3080



22.6708, 24.3750, 34.5448

Sweetspot

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



25.5215, 24.3761, 23.0989



53.4477, 54.7485, 57.4804



27.2332, 24.4371, 34.0358



11.6808, 11.9326, 12.4807



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.



25.5215, 24.3761, 23.0989



43.3548, 40.2717, 36.5161



27.6567, 28.6465, 23.8106



6.6822, 6.7444, 6.9353



11.4479, 6.1314, 0.5801



0.2180, 0.1363, 0.0148

Inverse Universe

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



26.2453, 29.9804, 36.3020



44.9069, 52.2974, 64.8543



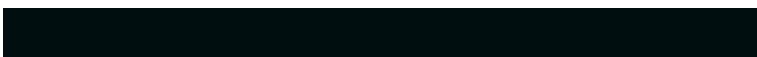
23.9108, 25.3114, 35.5239



6.7669, 7.3996, 8.4783



12.7886, 17.6687, 28.6436



0.2430, 0.3445, 0.5169

Previews

White Background



This preview shows how the XYZ color 25.5208, 24.3750, 23.0984 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 25.5208, 24.3750, 23.0984 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 25.5208, 24.3750, 23.0984

Background



This preview shows how black text looks on a background with the XYZ color 25.5208, 24.3750, 23.0984.



This preview shows how white text looks on a background with the XYZ color 25.5208, 24.3750,

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

25.5208, 24.3750, 23.0984

Protanopia

23.2739, 24.4019, 24.2522

Deuteranopia

24.8311, 24.4144, 23.1424



Tritanopia

26.2053, 24.2540, 26.9672

Trichromacy



Original Color

25.5208, 24.3750, 23.0984

Protanomaly

24.1379, 24.4446, 23.8681

Deuteranomaly

25.0750, 24.3416, 23.1155

Tritanomaly

26.0534, 24.4009, 25.5270

Monochromacy



Original Color

25.5208, 24.3750, 23.0984

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2603, 24.6729, 25.6740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5208, 24.3750, 23.0984 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(157, 129, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 129, 126)  
}
```

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(157, 129, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 129, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.5208, 24.3750, 23.0984 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(157, 129, 126) }
```


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

```
.border{ border-color:rgb(157, 129, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 129, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 129, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 129, 126);  
box-shadow:4px 4px 4px 4px rgb(157, 129,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5208, 24.3750, 23.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 129, 126) }
```

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

```
.background{ background-color: rgb(157,  
129, 126) }
```

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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