

Converting Colors

XYZ(25.1047, 24.0748, 22.1861)

Have a look what the booklet for
XYZ(25.1047, 24.0748, 22.1861)
contains.

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Color

**XYZ(25.0046, 23.9363,
22.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	9C807B
RGB	156, 128, 123
RGB Percent	61%, 50%, 48%
CMY	0.3882, 0.4980, 0.5176
CMYK	0.00, 0.18, 0.21, 0.39
HSL	9°, 14%, 55%
HSV	9°, 21%, 61%
XYZ	25.0046, 23.9363, 22.0412
YIQ	135.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

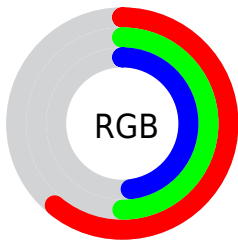
Format	Color
R_{YB}	156, 129, 123
Decimal	10256507
CIE Lab	56.02, 9.93, 6.75
CIE LCh	56, 12.006, 34.191
Yxy	23.9363, 0.3523, 0.3372
Android (android.graphics.Color)	4288446587 (0xFF9C807B)
YUV	135.8020, -6.3114, 17.7136
Hunter-Lab	48.9247, 5.6100, 7.5364

Details

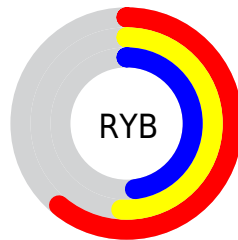
The XYZ color **25.0046, 23.9363, 22.0412** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.2355, 28.7437, 35.6707**, and the grayscale version is **23.3463, 24.5621, 26.7481**.

A 20% lighter version of the original color is **51.1257, 49.9918, 47.5122**, and **9.7409, 9.0294, 7.7080** is the 20% darker color. If you saturate the color by 10%, you get **22.4898, 20.3468, 16.7628**, and if you desaturate by 10%, it is **27.9016, 28.0407, 28.2154**.

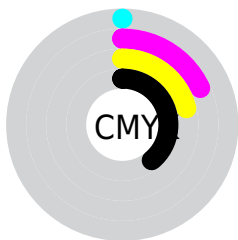
Distribution



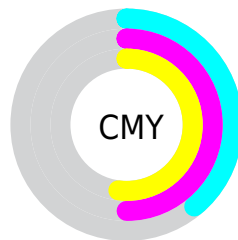
- Red (61%)
- Green (50%)
- Blue (48%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (39%)





- Cyan (39%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0046, 23.9363, 22.0412 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 25.0046, 23.9363, 22.0412 by changing the saturation by 10% instead.


 25.0046, 23.9363,
22.0412

 25.0046, 23.9363,
22.0412


270.2081,
272.4983, 275.7219


 16.2092, 15.2864,
13.6886


 51.1075, 49.9262,
47.7171

 9.7641, 9.0206,
7.7681


 69.1458, 68.0350,
65.8775

 5.3039, 4.7546,
3.8613


 90.9957, 90.0656,
88.1443

 2.4632, 2.1040,
1.5496

117.0227,
116.4023, 114.9359

 0.8768, 0.6669,
0.2544

147.5921,
147.4295, 146.6709

 0.0000, 0.0000,
0.0000

183.0692,

183.5316, 183.7679

223.8194,
225.0931, 226.6454

■ 25.0046, 23.9363,
22.0412

■ 25.0046, 23.9363,
22.0412

■ 22.4898, 20.3468,
16.7628

■ 27.9016, 28.0407,
28.2154

■ 20.3391, 17.2486,
12.3370

■ 31.1938, 32.6757,
35.3227

■ 18.5362, 14.6212,
8.7194

■ 34.8962, 37.8606,
43.4003

■ 17.0624, 12.4414,
5.8609

■ 39.0222, 43.6126,
52.4827

■ 15.8974, 10.6841,
3.7071

■ 43.5847, 49.9483,
62.6029

■ 15.0185, 9.3215,
2.1962

■ 48.5961, 56.8834,
73.7923

■ 14.3999, 8.3224,
1.2558

■ 54.0683, 64.4333,
86.0811

■ 14.0298, 7.7069,
0.7481

■ 60.0126, 72.6125,
99.4980

■ 65.0575, 80.8822,
106.7907

Harmonies

Analogous

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



25.4860, 23.9363, 25.5140



25.0046, 23.9363, 22.0412



23.9193, 23.9363, 19.8325

Triad

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



25.0046, 23.9363, 22.0412



20.4563, 23.9363, 22.9081



22.9442, 23.9363, 34.3519

Complementary

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



25.0046, 23.9363, 22.0412



25.2355, 28.7437, 35.6707

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.



21.6208, 23.9363, 33.4773



25.0046, 23.9363, 22.0412



20.2185, 23.9363, 26.6190

Square

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



25.0046, 23.9363, 22.0412



21.2995, 23.9363, 20.2965



20.6365, 23.9363, 30.5455



24.2665, 23.9363, 32.8287

Rectangle

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



25.0046, 23.9363, 22.0412



23.0189, 23.9363, 19.2423



20.6365, 23.9363, 30.5455



22.4846, 23.9363, 34.3295

Sweetspot

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



25.0052, 23.9374, 22.0417



53.5960, 55.0452, 57.5298



26.3835, 23.4701, 32.4392



11.7163, 12.0037, 12.4926



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.



25.0052, 23.9374, 22.0417



43.3497, 40.5334, 35.6759



27.3272, 28.5813, 22.8157



6.7102, 6.8005, 6.9446



11.5733, 6.3823, 0.6219



0.2271, 0.1544, 0.0178

Inverse Universe

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



25.2355, 28.7437, 35.6707



43.8364, 50.7329, 64.6087



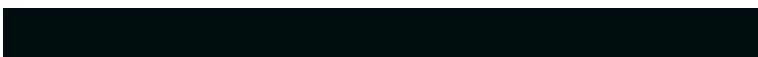
22.7707, 23.8142, 34.8491



6.7361, 7.3380, 8.4680



11.7985, 15.6886, 28.3136



0.2321, 0.3227, 0.5133

Previews

White Background



This preview shows how the XYZ color 25.0046, 23.9363, 22.0412 looks on a white background.

Color Contrast Check

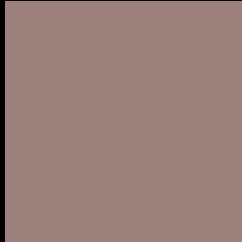
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0046, 23.9363, 22.0412 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 25.0046, 23.9363, 22.0412

Background



This preview shows how black text looks on a background with the XYZ color 25.0046, 23.9363, 22.0412.



This preview shows how white text looks on a background with the XYZ color 25.0046, 23.9363,

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

25.0046, 23.9363, 22.0412

Protanopia

22.9385, 24.0455, 23.1709

Deuteranopia

24.5067, 24.0707, 22.0934



Tritanopia

26.0053, 23.9684, 26.5483

Trichromacy



Original Color

25.0046, 23.9363, 22.0412

Protanomaly

23.6300, 24.0029, 22.7896

Deuteranomaly

24.5623, 23.9029, 22.0580

Tritanomaly

25.5907, 23.9855, 24.7536

Monochromacy



Original Color

25.0046, 23.9363, 22.0412

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8120, 24.2534, 24.8991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0046, 23.9363, 22.0412 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, 128, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 128, 123)  
}
```

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, 128, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 128, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.0046, 23.9363, 22.0412 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, 128, 123) }
```


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

```
.border{ border-color:rgb(156, 128, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 128, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 128, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 128, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 128,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0046, 23.9363, 22.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 128, 123) }
```

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

```
.background{ background-color: rgb(156,  
128, 123) }
```

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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