

Converting Colors

XYZ(24.9387, 23.5875, 18.8612)

Have a look what the booklet for
XYZ(24.9387, 23.5875, 18.8612)
contains.

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Color

**XYZ(24.9387, 23.5875,
18.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	A07E71
RGB	160, 126, 113
RGB Percent	63%, 49%, 44%
CMY	0.3725, 0.5059, 0.5569
CMYK	0.00, 0.21, 0.29, 0.37
HSL	17°, 20%, 54%
HSV	17°, 29%, 63%
XYZ	24.9387, 23.5875, 18.8612
YIQ	134.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

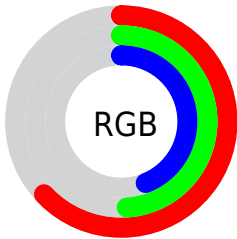
Format	Color
R_{YB}	160, 131, 113
Decimal	10518129
CIE Lab	55.67, 11.16, 12.08
CIE LCh	56, 16.452, 47.265
Yxy	23.5875, 0.3701, 0.3500
Android (android.graphics.Color)	4288708209 (0xFFA07E71)
YUV	134.6840, -10.6902, 22.2021
Hunter-Lab	48.5670, 6.6660, 10.9713

Details

The XYZ color **24.9387, 23.5875, 18.8612** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5887, 26.9155, 37.2098**, and the grayscale version is **22.9445, 24.1394, 26.2879**.

A 20% lighter version of the original color is **50.9360, 49.4039, 42.4486**, and **9.6714, 8.8152, 6.1928** is the 20% darker color. If you saturate the color by 10%, you get **22.7210, 20.4687, 14.0628**, and if you desaturate by 10%, it is **27.4877, 27.1145, 24.5541**.

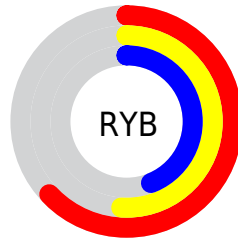
Distribution



Red (63%)

Green (49%)

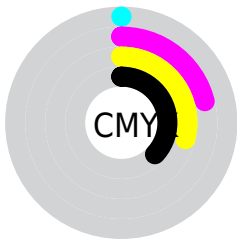
Blue (44%)



Red (63%)

Yellow (51%)

Blue (44%)

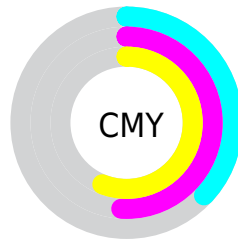


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (37%)



Cyan (37%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9387, 23.5875, 18.8612 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 24.9387, 23.5875, 18.8612 by changing the saturation by 10% instead.

■ 24.9387, 23.5875,
18.8612

■ 24.9387, 23.5875,
18.8612

269.8858,
270.7283, 258.0786

■ 16.1599, 15.0279,
11.3942

■ 51.0014, 49.3562,
42.3330

■ 9.7289, 8.8390,
6.2152

■ 69.0159, 67.3341,
59.1749

■ 5.2805, 4.6363,
2.9055

■ 90.8398, 89.2203,
79.9789

■ 2.4492, 2.0355,
1.0466

■ 116.8383,
115.3991, 105.1635

■ 0.8697, 0.6280,
0.0000

147.3768,
146.2549, 135.1472

■ 0.0000, 0.0000,
0.0000

182.8206,

182.1721, 170.3486

223.5352,
223.5351, 211.1862

■ 24.9387, 23.5875,
18.8612

■ 24.9387, 23.5875,
18.8612

■ 22.7210, 20.4687,
14.0628

■ 27.4877, 27.1145,
24.5541

■ 20.8185, 17.7398,
10.1116

■ 30.3795, 31.0606,
31.1826

■ 19.2168, 15.3860,
6.9581

■ 33.6271, 35.4403,
38.7870

■ 17.8992, 13.3903,
4.5470

■ 37.2425, 40.2665,
47.4049

■ 16.8472, 11.7342,
2.8159

■ 41.2368, 45.5514,
57.0717

■ 16.0401, 10.3973,
1.6918

■ 45.6209, 51.3069,
67.8211

■ 15.4408, 9.3518,
1.0200

■ 50.4053, 57.5443,
79.6856

■ 15.4079, 9.2949,
0.9820

■ 55.5997, 64.2747,
92.6959

■ 60.8900, 71.3791,
105.1760

Harmonies

Analogous

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



26.0164, 23.5875, 22.7571



24.9387, 23.5875, 18.8612



23.2181, 23.5875, 16.9204

Triad

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



24.9387, 23.5875, 18.8612



19.1039, 23.5875, 23.4872



23.4991, 23.5875, 36.7765

Complementary

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



24.9387, 23.5875, 18.8612



23.5887, 26.9155, 37.2098

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.



21.6389, 23.5875, 37.0437



24.9387, 23.5875, 18.8612



19.1699, 23.5875, 28.8490

Square

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



24.9387, 23.5875, 18.8612



19.8900, 23.5875, 19.3317



20.0754, 23.5875, 33.9779



25.1542, 23.5875, 33.2917

Rectangle

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



24.9387, 23.5875, 18.8612



21.9693, 23.5875, 16.7920



20.0754, 23.5875, 33.9779



22.8752, 23.5875, 37.2612

Sweetspot

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



24.9393, 23.5886, 18.8617



55.2723, 56.5489, 56.8783



25.7057, 21.4054, 30.5732



11.9550, 12.1753, 12.0874



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.



24.9393, 23.5886, 18.8617



42.6764, 39.1765, 28.5734



28.2308, 30.1715, 19.9588



6.7750, 6.9300, 6.9662



12.0354, 7.3064, 0.7759



0.2479, 0.1960, 0.0248

Inverse Universe

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



23.5887, 26.9155, 37.2098



39.8265, 46.1673, 67.1986



20.3590, 20.4560, 36.1333



6.6666, 7.1989, 8.4448



9.8222, 11.7360, 27.6548



0.2088, 0.2762, 0.5055

Previews

White Background



This preview shows how the XYZ color 24.9387, 23.5875, 18.8612 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 24.9387, 23.5875, 18.8612 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 24.9387, 23.5875, 18.8612

Background



This preview shows how black text looks on a background with the XYZ color 24.9387, 23.5875, 18.8612.



This preview shows how white text looks on a background with the XYZ color 24.9387, 23.5875,

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

24.9387, 23.5875, 18.8612

Protanopia

22.4136, 23.6349, 20.2103

Deuteranopia

24.1573, 23.7628, 18.9362



Tritanopia

26.2169, 23.5408, 25.3523

Trichromacy



Original Color

24.9387, 23.5875, 18.8612

Protanomaly

23.1676, 23.4293, 19.8242

Deuteranomaly

24.4101, 23.6985, 18.9105

Tritanomaly

25.6715, 23.4987, 22.9213

Monochromacy



Original Color

24.9387, 23.5875, 18.8612

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5836, 23.9641, 23.4612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9387, 23.5875, 18.8612 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(160, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(160, 126, 113)  
}
```

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(160, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 126, 113) }
```

Border

The CSS property to change the border of an element to XYZ 24.9387, 23.5875, 18.8612 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(160, 126, 113) }
```


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

```
.border{ border-color:rgb(160, 126, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 126, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(160, 126,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9387, 23.5875, 18.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 126, 113) }
```

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

```
.background{ background-color: rgb(160,  
126, 113) }
```

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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