

Converting Colors

XYZ(25.1213, 25.1413, 22.2276)

Have a look what the booklet for
XYZ(25.1213, 25.1413, 22.2276)
contains.

XYZ(25.2371, 25.2526, 22.2830)	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(25.2371, 25.2526,
22.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	99867B
RGB	153, 134, 123
RGB Percent	60%, 53%, 48%
CMY	0.4000, 0.4745, 0.5176
CMYK	0.00, 0.12, 0.20, 0.40
HSL	22°, 13%, 54%
HSV	22°, 20%, 60%
XYZ	25.2371, 25.2526, 22.2830
YIQ	138.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

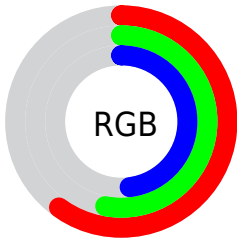
Format	Color
R _Y B	153, 140, 123
Decimal	10061435
CIE Lab	57.32, 5.33, 8.55
CIE LCh	57, 10.080, 58.069
Yxy	25.2526, 0.3468, 0.3470
Android (android.graphics.Color)	4288251515 (0xFF99867B)
YUV	138.4270, -7.6055, 12.7805
Hunter-Lab	50.2520, 1.7038, 8.8857

Details

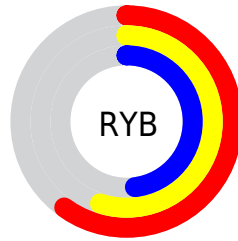
The XYZ color **25.2371, 25.2526, 22.2830** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5909, 25.8561, 33.8844**, and the grayscale version is **24.3454, 25.6133, 27.8929**.

A 20% lighter version of the original color is **51.5206, 52.0457, 47.8878**, and **9.8858, 9.6598, 7.8221** is the 20% darker color. If you saturate the color by 10%, you get **23.0751, 22.3433, 17.2006**, and if you desaturate by 10%, it is **27.6729, 28.4695, 28.1959**.

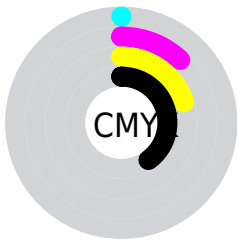
Distribution



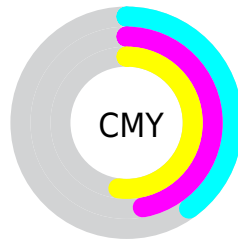
- Red (60%)
- Green (53%)
- Blue (48%)



- Red (60%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2371, 25.2526, 22.2830 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 25.2371, 25.2526, 22.2830 by changing the saturation by 10% instead.

■ 25.2371, 25.2526,
22.2830

■ 25.2371, 25.2526,
22.2830

271.3426,
279.0936, 277.0222

■ 16.3835, 16.2654,
13.8647

■ 51.4817, 52.0667,
48.1215

■ 9.8885, 9.7121,
7.8889

■ 69.6034, 70.6624,
66.3787

■ 5.3868, 5.2085,
3.9372

■ 91.5452, 93.2296,
88.7527

■ 2.5130, 2.3701,
1.5910

117.6724,
120.1529, 115.6619

■ 0.9018, 0.8104,
0.2844

148.3504,
151.8165, 147.5249

■ 0.0000, 0.0000,
0.0000

183.9445,

188.6049, 184.7603

224.8201,
230.9024, 227.7865

■ 25.2371, 25.2526,
22.2830

■ 25.2371, 25.2526,
22.2830

■ 23.0751, 22.3433,
17.2006

■ 27.6729, 28.4695,
28.1959

■ 21.1746, 19.7287,
12.9094

■ 30.3901, 31.9994,
34.9727

■ 19.5254, 17.4003,
9.3694

■ 33.3985, 35.8521,
42.6473

■ 18.1158, 15.3476,
6.5364

■ 36.7068, 40.0356,
51.2510

■ 16.9330, 13.5595,
4.3616

■ 40.3233, 44.5579,
60.8137

■ 15.9627, 12.0239,
2.7898

■ 44.2561, 49.4265,
71.3638

■ 15.1888, 10.7276,
1.7564

■ 48.5129, 54.6488,
82.9288

■ 14.5786, 9.6505,
1.1116

■ 53.1009, 60.2320,
95.5349

■ 14.5568, 9.6120,
1.0881

■ 57.0959, 65.8102,
104.3011

Harmonies

Analogous

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



26.0859, 25.2526, 24.5156



25.2371, 25.2526, 22.2830



24.0793, 25.2526, 21.4322

Triad

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



25.2371, 25.2526, 22.2830



21.7789, 25.2526, 27.2748



25.0988, 25.2526, 33.7173

Complementary

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



25.2371, 25.2526, 22.2830



23.5909, 25.8561, 33.8844

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.



23.9245, 25.2526, 34.6071



25.2371, 25.2526, 22.2830



22.0319, 25.2526, 30.7082

Square

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



25.2371, 25.2526, 22.2830



22.1050, 25.2526, 24.1617



22.8076, 25.2526, 33.4641



26.0041, 25.2526, 31.1232

Rectangle

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



25.2371, 25.2526, 22.2830



23.2965, 25.2526, 21.7049



22.8076, 25.2526, 33.4641



24.7212, 25.2526, 34.2346

Sweetspot

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



25.2378, 25.2537, 22.2835



51.1984, 53.1263, 54.5506



25.1025, 22.8915, 28.6868



11.2441, 11.6513, 11.8938



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.2378, 25.2537, 22.2835



43.2530, 42.6224, 35.2953



27.4596, 29.6974, 23.0241



6.3851, 6.5752, 6.5385



12.0606, 8.0035, 0.9092



0.2131, 0.1852, 0.0245

Inverse Universe

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



23.5909, 25.8561, 33.8844



39.6937, 43.9211, 60.3575



21.5078, 21.6899, 33.1900



6.1940, 6.6453, 7.8852



8.3086, 9.0139, 26.2096



0.1587, 0.2037, 0.4033

Previews

White Background



This preview shows how the XYZ color 25.2371, 25.2526, 22.2830 looks on a white background.

Color Contrast Check

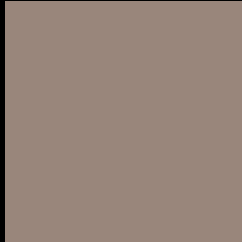
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2371, 25.2526, 22.2830 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 25.2371, 25.2526, 22.2830

Background



This preview shows how black text looks on a background with the XYZ color 25.2371, 25.2526, 22.2830.



This preview shows how white text looks on a background with the XYZ color 25.2371, 25.2526,

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

25.2371, 25.2526, 22.2830

Protanopia

23.9750, 25.2116, 23.0047

Deuteranopia

25.6730, 25.2730, 22.2640



Tritanopia

26.5164, 25.1542, 29.0489

Trichromacy



Original Color

25.2371, 25.2526, 22.2830

Protanomaly

24.4749, 25.2666, 22.6558

Deuteranomaly

25.4802, 25.1737, 22.2549

Tritanomaly

25.9509, 25.1218, 26.4029

Monochromacy



Original Color

25.2371, 25.2526, 22.2830

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5070, 25.4244, 25.8060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2371, 25.2526, 22.2830 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(153, 134, 123)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 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(153, 134, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.2371, 25.2526, 22.2830 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(153, 134, 123) }
```


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

```
.border{ border-color:rgb(153, 134, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 123);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2371, 25.2526, 22.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 123) }
```

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

```
.background{ background-color: rgb(153,  
134, 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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