

Converting Colors

XYZ(25.4615, 24.9907, 22.1827)

Have a look what the booklet for
XYZ(25.4615, 24.9907, 22.1827)
contains.

XYZ(25.5367, 25.0005, 22.2185)	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(25.5367, 25.0005,
22.2185)**

Conversions

Conversions Part 1

Format	Color
Hex	9C847B
RGB	156, 132, 123
RGB Percent	61%, 52%, 48%
CMY	0.3882, 0.4823, 0.5176
CMYK	0.00, 0.15, 0.21, 0.39
HSL	16°, 14%, 55%
HSV	16°, 21%, 61%
XYZ	25.5367, 25.0005, 22.2185
YIQ	138.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

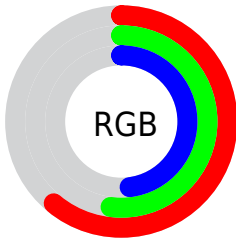
Format	Color
R_{YB}	156, 135, 123
Decimal	10257531
CIE _{Lab}	57.08, 7.65, 8.25
CIE _{LCh}	57, 11.250, 47.137
Yxy	25.0005, 0.3510, 0.3436
Android (android.graphics.Color)	4288447611 (0xFF9C847B)
YUV	138.1500, -7.4689, 15.6545
Hunter-Lab	50.0005, 3.6642, 8.6539

Details

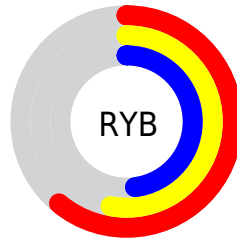
The XYZ color **25.5367, 25.0005, 22.2185** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6026, 27.4779, 35.4597**, and the grayscale version is **24.2383, 25.5006, 27.7701**.

A 20% lighter version of the original color is **51.9508, 51.6420, 47.7872**, and **10.0382, 9.6240, 7.8071** is the 20% darker color. If you saturate the color by 10%, you get **23.1815, 21.7302, 16.9933**, and if you desaturate by 10%, it is **28.2162, 28.6699, 28.3202**.

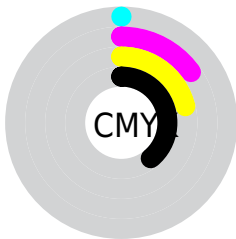
Distribution



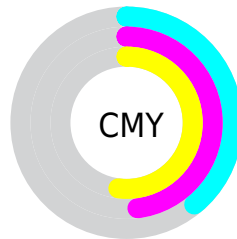
- Red (61%)
- Green (52%)
- Blue (48%)



- Red (61%)
- Yellow (53%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5367, 25.0005, 22.2185 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 25.5367, 25.0005, 22.2185 by changing the saturation by 10% instead.

■ 25.5367, 25.0005,
22.2185

■ 25.5367, 25.0005,
22.2185

272.7989,
277.8404, 276.6759

■ 16.6082, 16.0774,
13.8177

■ 51.9632, 51.6580,
48.0137

■ 10.0491, 9.5790,
7.8567

■ 70.1920, 70.1613,
66.2451

■ 5.4941, 5.1207,
3.9169

■ 92.2516, 92.6267,
88.5905

■ 2.5777, 2.3183,
1.5799

118.5073,
119.4387, 115.4684

■ 0.9346, 0.7833,
0.2764

149.3245,
150.9817, 147.2974

■ 0.0000, 0.0000,
0.0000

185.0686,

187.6401, 184.4959

226.1050,
229.7982, 227.4826

■ 25.5367, 25.0005,
22.2185

■ 25.5367, 25.0005,
22.2185

■ 23.1815, 21.7302,
16.9933

■ 28.2162, 28.6699,
28.3202

■ 21.1358, 18.8420,
12.6025

■ 31.2300, 32.7480,
35.3347

■ 19.3869, 16.3227,
9.0029

■ 34.5900, 37.2482,
43.2981

■ 17.9201, 14.1569,
6.1468

■ 38.3070, 42.1823,
52.2442

■ 16.7194, 12.3282,
3.9811

■ 42.3914, 47.5615,
62.2050

■ 15.7671, 10.8187,
2.4457

■ 46.8529, 53.3969,
73.2112

■ 15.0431, 9.6087,
1.4702

■ 51.7012, 59.6990,
85.2919

■ 14.5584, 8.7639,
0.9243

■ 56.9453, 66.4779,
98.4755

■ 61.2116, 73.1904,
105.5087

Harmonies

Analogous

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



26.2794, 25.0005, 25.1287



25.5367, 25.0005, 22.2185



24.3336, 25.0005, 20.7131

Triad

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



25.5367, 25.0005, 22.2185



21.3654, 25.0005, 25.6300



24.5204, 25.0005, 34.8012

Complementary

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



25.5367, 25.0005, 22.2185



24.6026, 27.4779, 35.4597

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.



23.1999, 25.0005, 34.9673



25.5367, 25.0005, 22.2185



21.4112, 25.0005, 29.4270

Square

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



25.5367, 25.0005, 22.2185



21.9443, 25.0005, 22.5560



22.0719, 25.0005, 32.9238



25.6778, 25.0005, 32.4892

Rectangle

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



25.5367, 25.0005, 22.2185



23.4473, 25.0005, 20.6078



22.0719, 25.0005, 32.9238



24.0800, 25.0005, 35.1170

Sweetspot

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



25.5374, 25.0016, 22.2190



53.9271, 55.7073, 57.6402



26.0757, 23.3470, 30.8184



11.7957, 12.1624, 12.5190



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.



25.5374, 25.0016, 22.2190



44.4546, 42.7432, 36.0442



27.9227, 29.7722, 23.0141



6.7730, 6.9260, 6.9655



12.0173, 7.2702, 0.7699



0.2472, 0.1947, 0.0246

Inverse Universe

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



24.6026, 27.4779, 35.4597



42.4680, 47.9961, 64.1526



22.2455, 22.7637, 34.6740



6.6687, 7.2032, 8.4456



9.8771, 11.8457, 27.6731



0.2095, 0.2776, 0.5058

Previews

White Background



This preview shows how the XYZ color 25.5367, 25.0005, 22.2185 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 25.5367, 25.0005, 22.2185 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 25.5367, 25.0005, 22.2185

Background



This preview shows how black text looks on a background with the XYZ color 25.5367, 25.0005, 22.2185.



This preview shows how white text looks on a background with the XYZ color 25.5367, 25.0005,

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

25.5367, 25.0005, 22.2185

Protanopia

23.8027, 25.1228, 22.9967

Deuteranopia

25.5367, 25.0005, 22.2185



Tritanopia

26.8168, 25.1278, 28.2477

Trichromacy



Original Color

25.5367, 25.0005, 22.2185

Protanomaly

24.3347, 24.9862, 22.6090

Deuteranomaly

25.5367, 25.0005, 22.2185

Tritanomaly

26.3240, 25.1219, 26.0158

Monochromacy



Original Color

25.5367, 25.0005, 22.2185

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7149, 25.3215, 25.7752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5367, 25.0005, 22.2185 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, 132, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 132, 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, 132, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 132, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.5367, 25.0005, 22.2185 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, 132, 123) }
```


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

```
.border{ border-color:rgb(156, 132, 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, 132, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 132, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 132, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 132,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5367, 25.0005, 22.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 132, 123) }
```

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

```
.background{ background-color: rgb(156,  
132, 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](#).

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