

Converting Colors

XYZ(25.1389, 24.4990, 21.5993)

Have a look what the booklet for
XYZ(25.1389, 24.4990, 21.5993)
contains.

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Color

**XYZ(25.1441, 24.4137,
21.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8279
RGB	156, 130, 121
RGB Percent	61%, 51%, 47%
CMY	0.3882, 0.4902, 0.5255
CMYK	0.00, 0.17, 0.22, 0.39
HSL	15°, 15%, 54%
HSV	15°, 22%, 61%
XYZ	25.1441, 24.4137, 21.4762
YIQ	136.7480, 18.3850, 2.7130

Conversions

Conversions Part 2

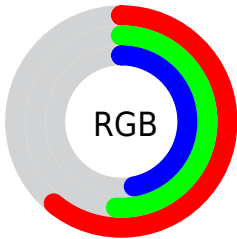
Format	Color
R_{YB}	156, 133, 121
Decimal	10257017
CIE _{Lab}	56.50, 8.48, 8.58
CIE _{LCh}	56, 12.059, 45.349
Yxy	24.4137, 0.3540, 0.3437
Android (android.graphics.Color)	4288447097 (0xFF9C8279)
YUV	136.7480, -7.7638, 16.8840
Hunter-Lab	49.4102, 4.3680, 8.8167

Details

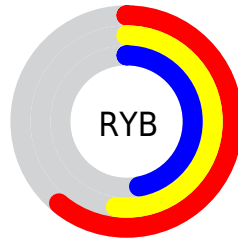
The XYZ color **25.1441, 24.4137, 21.4762** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3193, 27.3318, 35.4463**, and the grayscale version is **23.7068, 24.9414, 27.1612**.

A 20% lighter version of the original color is **51.3403, 50.7330, 46.6217**, and **9.8210, 9.2958, 7.4075** is the 20% darker color. If you saturate the color by 10%, you get **22.8085, 21.1515, 16.3534**, and if you desaturate by 10%, it is **27.8094, 28.0872, 27.4728**.

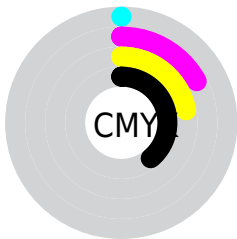
Distribution



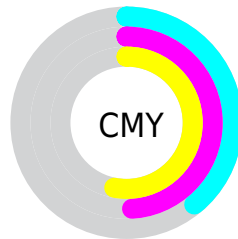
- Red (61%)
- Green (51%)
- Blue (47%)



- Red (61%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (39%)





- Cyan (39%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1441, 24.4137, 21.4762 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 25.1441, 24.4137, 21.4762 by changing the saturation by 10% instead.


 25.1441, 24.4137,
21.4762


 25.1441, 24.4137,
21.4762


270.8892,
274.9054, 272.6622


 16.3138, 15.6408,
13.2779


 51.3321, 50.7045,
46.7698

 9.8387, 9.2703,
7.4872


 69.4205, 68.9911,
64.7021

 5.3536, 4.9179,
3.6856

 91.3256, 91.2178,
86.7162

 2.4931, 2.1992,
1.4545

117.4127,
117.7689, 113.2306

 0.8918, 0.7196,
0.1837

148.0473,
149.0288, 144.6639

 0.0000, 0.0000,
0.0000

183.5947,

185.3819, 181.4346

224.4202,
227.2126, 223.9612

■ 25.1441, 24.4137,
21.4762

■ 25.1441, 24.4137,
21.4762

■ 22.8085, 21.1515,
16.3534

■ 27.8094, 28.0872,
27.4728

■ 20.7873, 18.2827,
12.0618

■ 30.8147, 32.1824,
34.3798

■ 19.0673, 15.7934,
8.5576

■ 34.1725, 36.7133,
42.2339

■ 17.6331, 13.6670,
5.7922

■ 37.8939, 41.6925,
51.0691

■ 16.4682, 11.8860,
3.7118

■ 41.9895, 47.1320,
60.9177

■ 15.5541, 10.4314,
2.2551

■ 46.4696, 53.0432,
71.8106

■ 14.8694, 9.2819,
1.3493

■ 51.3439, 59.4372,
83.7774

■ 14.4735, 8.5943,
0.8960

■ 56.6220, 66.3249,
96.8464

■ 61.2650, 73.2973,
105.5265

Harmonies

Analogous

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



25.8926, 24.4137, 24.5975



25.1441, 24.4137, 21.4762



23.8906, 24.4137, 19.8121

Triad

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



25.1441, 24.4137, 21.4762



20.7013, 24.4137, 24.6835



23.9229, 24.4137, 34.7132

Complementary

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



25.1441, 24.4137, 21.4762



24.3193, 27.3318, 35.4463

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.



22.5316, 24.4137, 34.7421



25.1441, 24.4137, 21.4762



20.7091, 24.4137, 28.6713

Square

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



25.1441, 24.4137, 21.4762



21.3454, 24.4137, 21.5337



21.3673, 24.4137, 32.4398



25.1685, 24.4137, 32.3642

Rectangle

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



25.1441, 24.4137, 21.4762



22.9550, 24.4137, 19.6345



21.3673, 24.4137, 32.4398



23.4558, 24.4137, 35.0018

Sweetspot

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



25.1448, 24.4148, 21.4767



53.3226, 54.8570, 56.3329



25.8339, 22.8573, 30.7572



11.6700, 11.9847, 12.2503



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.



25.1448, 24.4148, 21.4767



43.4333, 41.2307, 34.0694



27.6342, 29.3938, 22.3065



6.7649, 6.9098, 6.9628



11.9464, 7.1285, 0.7463



0.2446, 0.1895, 0.0237

Inverse Universe

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



24.3193, 27.3318, 35.4463



41.6558, 47.4954, 64.0988



21.8356, 22.3643, 34.6184



6.6773, 7.2204, 8.4484



10.1036, 12.2987, 27.7486



0.2123, 0.2831, 0.5067

Previews

White Background



This preview shows how the XYZ color 25.1441, 24.4137, 21.4762 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 25.1441, 24.4137, 21.4762 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

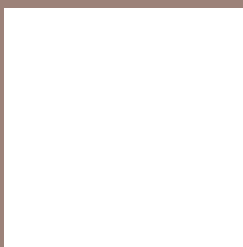
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1441, 24.4137, 21.4762

Background



This preview shows how black text looks on a background with the XYZ color 25.1441, 24.4137, 21.4762.



This preview shows how white text looks on a background with the XYZ color 25.1441, 24.4137,

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

25.1441, 24.4137, 21.4762

Protanopia

23.2866, 24.4459, 22.5600

Deuteranopia

24.8939, 24.4831, 21.5028



Tritanopia

26.3351, 24.5136, 27.0105

Trichromacy



Original Color

25.1441, 24.4137, 21.4762

Protanomaly

23.8167, 24.3161, 22.1771

Deuteranomaly

25.0851, 24.5816, 21.5118

Tritanomaly

25.8516, 24.5073, 24.8406

Monochromacy



Original Color

25.1441, 24.4137, 21.4762

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1234, 24.6182, 24.9531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1441, 24.4137, 21.4762 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, 130, 121)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 121)  
}
```

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, 130, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.1441, 24.4137, 21.4762 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, 130, 121) }
```


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

```
.border{ border-color:rgb(156, 130, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1441, 24.4137, 21.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 121) }
```

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

```
.background{ background-color: rgb(156,  
130, 121) }
```

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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