

Converting Colors

XYZ(25.5919, 25.6130, 19.2133)

Have a look what the booklet for
XYZ(25.5919, 25.6130, 19.2133)
contains.

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Color

**XYZ(25.7452, 25.7893,
19.2437)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8771
RGB	158, 135, 113
RGB Percent	62%, 53%, 44%
CMY	0.3804, 0.4706, 0.5569
CMYK	0.00, 0.15, 0.28, 0.38
HSL	29°, 19%, 53%
HSV	29°, 28%, 62%
XYZ	25.7452, 25.7893, 19.2437
YIQ	139.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

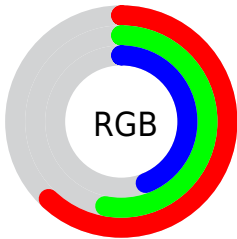
Format	Color
R_{YB}	158, 156, 113
Decimal	10389361
CIE _{Lab}	57.84, 5.25, 15.07
CIE _{LCh}	58, 15.955, 70.788
Yxy	25.7893, 0.3637, 0.3644
Android (android.graphics.Color)	4288579441 (0xFF9E8771)
YUV	139.3690, -12.9999, 16.3394
Hunter-Lab	50.7832, 1.6224, 13.0809

Details

The XYZ color **25.7452, 25.7893, 19.2437** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7856, 23.5871, 35.7525**, and the grayscale version is **24.7264, 26.0141, 28.3294**.

A 20% lighter version of the original color is **52.2153, 52.8292, 43.0423**, and **10.1465, 9.9428, 6.3854** is the 20% darker color. If you saturate the color by 10%, you get **23.8480, 23.2965, 14.5982**, and if you desaturate by 10%, it is **27.8841, 28.5173, 24.7344**.

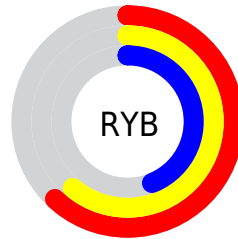
Distribution



Red (62%)

Green (53%)

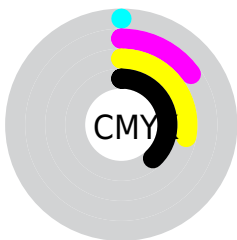
Blue (44%)



Red (62%)

Yellow (61%)

Blue (44%)

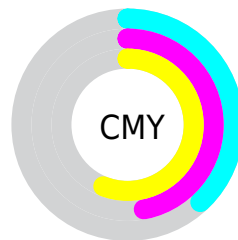


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (38%)



Cyan (38%)


Magenta (47%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7452, 25.7893, 19.2437 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 25.7452, 25.7893, 19.2437 by changing the saturation by 10% instead.


 25.7452, 25.7893,
19.2437


 25.7452, 25.7893,
19.2437


273.8087,
281.7462, 260.2583


 16.7648, 16.6661,
11.6679


 52.2978, 52.9348,
42.9877

 10.1612, 9.9967,
6.3982


 70.6008, 71.7259,
59.9929

 5.5691, 5.3968,
3.0160

 92.7420, 94.5085,
80.9784

 2.6230, 2.4819,
1.1028

 119.0867,
121.6668, 106.3627

 0.9577, 0.8676,
0.0000

150.0004,
153.5854, 136.5642

 0.0000, 0.0000,
0.0000

185.8484,

190.6485, 172.0017

226.9961,
233.2407, 213.0935

■ 25.7452, 25.7893,
19.2437

■ 25.7452, 25.7893,
19.2437

■ 23.8480, 23.2965,
14.5982

■ 27.8841, 28.5173,
24.7344

■ 22.1805, 21.0284,
10.7535

■ 30.2720, 31.4837,
31.1086

■ 20.7328, 18.9788,
7.6633

■ 32.9183, 34.6958,
38.4041

■ 19.4931, 17.1398,
5.2761

■ 35.8312, 38.1599,
46.6559

■ 18.4485, 15.5028,
3.5334

■ 39.0186, 41.8816,
55.8975

■ 17.5839, 14.0584,
2.3677

■ 42.4880, 45.8667,
66.1603

■ 16.8726, 12.7920,
1.6488

■ 46.2468, 50.1205,
77.4747

■ 16.7724, 12.6128,
1.5505

■ 50.3018, 54.6483,
89.8697

■ 54.6272, 59.4422,
103.2021

Harmonies

Analogous

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



27.4104, 25.7893, 21.7324



25.7452, 25.7893, 19.2437



23.8284, 25.7893, 18.9333

Triad

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



25.7452, 25.7893, 19.2437



21.0660, 25.7893, 30.1030



26.9999, 25.7893, 36.8564

Complementary

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



25.7452, 25.7893, 19.2437



21.7856, 23.5871, 35.7525

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.



25.2084, 25.7893, 39.7807



25.7452, 25.7893, 19.2437



21.8254, 25.7893, 35.5572

Square

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



25.7452, 25.7893, 19.2437



21.1930, 25.7893, 24.7472



23.3187, 25.7893, 39.2765



28.1605, 25.7893, 31.6997

Rectangle

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



25.7452, 25.7893, 19.2437



22.6730, 25.7893, 19.9517



23.3187, 25.7893, 39.2765



26.4478, 25.7893, 38.1617

Sweetspot

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



25.7459, 25.7905, 19.2442



54.6570, 56.7850, 55.6345



24.4677, 20.8644, 26.1238



12.1819, 12.6291, 12.1630



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.



25.7459, 25.7905, 19.2442



44.5725, 43.9854, 29.5539



29.1807, 32.6602, 20.3892



6.8874, 7.1547, 7.0037



13.4722, 10.1800, 1.2549



0.2831, 0.2665, 0.0365

Inverse Universe

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



21.7856, 23.5871, 35.7525



36.2063, 39.3301, 64.4266



18.9711, 17.9580, 34.8143



6.5509, 6.9676, 8.4063



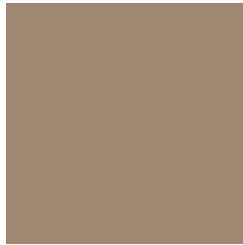
7.3238, 6.7391, 26.8220



0.1732, 0.2051, 0.4937

Previews

White Background



This preview shows how the XYZ color 25.7452, 25.7893, 19.2437 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 25.7452, 25.7893, 19.2437 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 25.7452, 25.7893, 19.2437

Background



This preview shows how black text looks on a background with the XYZ color 25.7452, 25.7893, 19.2437.



This preview shows how white text looks on a background with the XYZ color 25.7452, 25.7893,

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

25.7452, 25.7893, 19.2437

Protanopia

24.3598, 25.9061, 19.9361

Deuteranopia

26.2037, 25.8195, 19.2254



Tritanopia

27.6220, 25.7328, 28.7104

Trichromacy



Original Color

25.7452, 25.7893, 19.2437

Protanomaly

24.8882, 25.9712, 19.6208

Deuteranomaly

26.0029, 25.7160, 19.2160

Tritanomaly

26.8452, 25.6148, 25.0020

Monochromacy



Original Color

25.7452, 25.7893, 19.2437

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9718, 25.8997, 24.8021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7452, 25.7893, 19.2437 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(158, 135, 113)` looks like.

```
.text, #text, p{  
    color:rgb(158, 135, 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(158, 135, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 135, 113) }
```

Border

The CSS property to change the border of an element to XYZ 25.7452, 25.7893, 19.2437 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(158, 135, 113) }
```


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

```
.border{ border-color:rgb(158, 135, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 135, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 135, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 135, 113);  
box-shadow:4px 4px 4px 4px rgb(158, 135,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7452, 25.7893, 19.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 135, 113) }
```

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

```
.background{ background-color: rgb(158,  
135, 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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