

Converting Colors

XYZ(25.8571, 27.5500, 27.5316)

Have a look what the booklet for
XYZ(25.8571, 27.5500, 27.5316)
contains.

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Color

**XYZ(25.9902, 27.6820,
27.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	909089
RGB	144, 144, 137
RGB Percent	56%, 56%, 54%
CMY	0.4353, 0.4353, 0.4627
CMYK	0.00, 0.00, 0.05, 0.44
HSL	60°, 3%, 55%
HSV	60°, 5%, 56%
XYZ	25.9902, 27.6820, 27.6402
YIQ	143.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

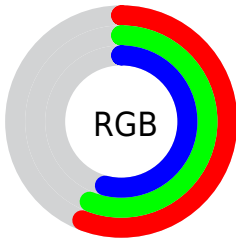
Format	Color
R_{YB}	137, 144, 137
Decimal	9474185
CIE Lab	59.60, -1.33, 3.71
CIE LCh	60, 3.941, 109.717
Yxy	27.6820, 0.3196, 0.3404
Android (android.graphics.Color)	4287664265 (0xFF909089)
YUV	143.2020, -3.0576, 0.6998
Hunter-Lab	52.6137, -3.8982, 5.6820

Details

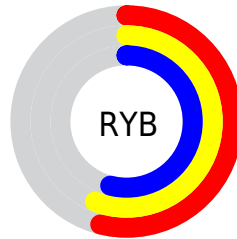
The XYZ color **25.9902, 27.6820, 27.6402** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2974, 25.2241, 29.9752**, and the grayscale version is **26.2010, 27.5655, 30.0188**.

A 20% lighter version of the original color is **52.7770, 56.1116, 56.7642**, and **10.3391, 11.0732, 10.6092** is the 20% darker color. If you saturate the color by 10%, you get **25.0246, 27.2965, 22.5579**, and if you desaturate by 10%, it is **27.0953, 28.1251, 33.4500**.

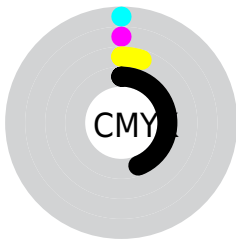
Distribution



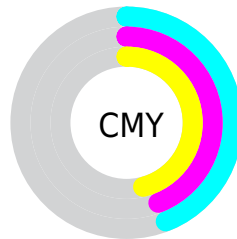
- Red (56%)
- Green (56%)
- Blue (54%)



- Red (54%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (44%)



- Cyan (44%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9902, 27.6820, 27.6402 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 25.9902, 27.6820, 27.6402 by changing the saturation by 10% instead.

■ 25.9902, 27.6820,
27.6402

■ 25.9902, 27.6820,
27.6402

274.9915,
290.9443, 304.6013

■ 16.9490, 18.0861,
17.8179

■ 52.6905, 55.9763,
56.9257

■ 10.2932, 11.0118,
10.6513

■ 71.0804, 75.4435,
77.2259

■ 5.6575, 6.0748,
5.7216

■ 93.3171, 98.9700,
101.8560

■ 2.6766, 2.8906,
2.6105

119.7660,
126.9400, 131.2343

■ 0.9852, 1.0749,
0.8979

150.7926,
159.7381, 165.7794

■ 0.0000, 0.0000,
0.0000

186.7622,

197.7485, 205.9100

228.0400,
241.3558, 252.0444

■ 25.9902, 27.6820,
27.6402

■ 25.9902, 27.6820,
27.6402

■ 25.0246, 27.2965,
22.5579

■ 27.0953, 28.1251,
33.4500

■ 24.1906, 26.9628,
18.1726

■ 28.3427, 28.6241,
40.0123

■ 23.4834, 26.6798,
14.4546

■ 29.7379, 29.1824,
47.3535

■ 22.8967, 26.4449,
11.3712

■ 31.2857, 29.8016,
55.4978

■ 22.4238, 26.2556,
8.8869

■ 32.9904, 30.4837,
64.4686

■ 22.0572, 26.1089,
6.9628

■ 34.8564, 31.2302,
74.2884

■ 21.7888, 26.0014,
5.5554

■ 36.8876, 32.0428,
84.9785

■ 21.6090, 25.9293,
4.6148

■ 39.0880, 32.9231,
96.5597

■ 21.5055, 25.8878,
4.0758

■ 39.5362, 33.1025,
98.9134

Harmonies

Analogous

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



26.4817, 27.6820, 27.5305



25.9902, 27.6820, 27.6402



25.5895, 27.6820, 28.4079

Triad

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



25.9902, 27.6820, 27.6402



25.6986, 27.6820, 32.2748



27.2613, 27.6820, 30.6316

Complementary

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



25.9902, 27.6820, 27.6402



24.2974, 25.2241, 29.9752

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.



27.0458, 27.6820, 31.9432



25.9902, 27.6820, 27.6402



26.1409, 27.6820, 32.9115

Square

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



25.9902, 27.6820, 27.6402



25.4226, 27.6820, 31.0727



26.6342, 27.6820, 32.7883



27.2197, 27.6820, 29.2281

Rectangle

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



25.9902, 27.6820, 27.6402



25.4257, 27.6820, 29.2033



26.6342, 27.6820, 32.7883



27.2164, 27.6820, 31.0986

Sweetspot

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



25.9910, 27.6832, 27.6408



46.5585, 49.1116, 52.5317



24.9635, 25.6274, 27.2981



10.6798, 11.2635, 12.0618



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.9910, 27.6832, 27.6408



45.6114, 48.7327, 47.5500



25.3893, 27.3731, 27.6126



5.9018, 6.3103, 6.1236



18.6905, 22.5279, 3.3632



0.1787, 0.2154, 0.0322

Inverse Universe

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



24.2974, 25.2241, 29.9752



41.8813, 43.3165, 52.6916



24.8802, 25.5245, 30.0025



5.3961, 5.5760, 6.8206



4.3845, 1.7539, 23.0845



0.0420, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 25.9902, 27.6820, 27.6402 looks on a white background.

Color Contrast Check

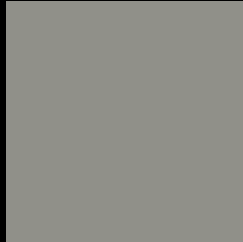
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9902, 27.6820, 27.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

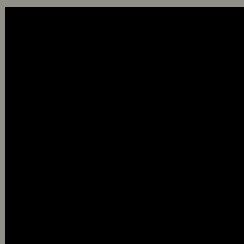
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

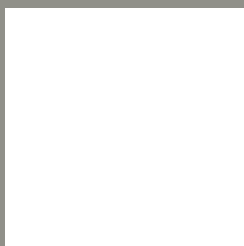
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9902, 27.6820, 27.6402

Background



This preview shows how black text looks on a background with the XYZ color 25.9902, 27.6820, 27.6402.



This preview shows how white text looks on a background with the XYZ color 25.9902, 27.6820,

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

25.9902, 27.6820, 27.6402

Protanopia

26.4791, 27.7184, 27.2471

Deuteranopia

28.1181, 27.6711, 27.9038



Tritanopia

27.2768, 27.7569, 34.0570

Trichromacy



Original Color

25.9902, 27.6820, 27.6402

Protanomaly

26.2990, 27.6255, 27.2387

Deuteranomaly

27.4387, 27.7548, 27.9558

Tritanomaly

26.7660, 27.7712, 31.5534

Monochromacy



Original Color

25.9902, 27.6820, 27.6402

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9579, 27.4076, 29.1214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9902, 27.6820, 27.6402 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(144, 144, 137) looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 137)  
}
```

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(144, 144, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.9902, 27.6820, 27.6402 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(144, 144, 137) }
```


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

```
.border{ border-color:rgb(144, 144, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 137);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9902, 27.6820, 27.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 137) }
```

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

```
.background{ background-color: rgb(144,  
144, 137) }
```

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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