

Converting Colors

XYZ(25.7897, 24.6719, 24.8756)

Have a look what the booklet for
XYZ(25.7897, 24.6719, 24.8756)
contains.

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Color

**XYZ(25.7897, 24.6719,
24.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8283
RGB	156, 130, 131
RGB Percent	61%, 51%, 51%
CMY	0.3882, 0.4902, 0.4863
CMYK	0.00, 0.17, 0.16, 0.39
HSL	358°, 12%, 56%
HSV	358°, 17%, 61%
XYZ	25.7897, 24.6719, 24.8756
YIQ	137.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

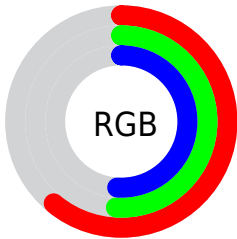
Format	Color
R_{YB}	156, 130, 131
Decimal	10257027
CIE Lab	56.75, 10.10, 3.17
CIE LCh	57, 10.588, 17.443
Yxy	24.6719, 0.3423, 0.3275
Android (android.graphics.Color)	4288447107 (0xFF9C8283)
YUV	137.8880, -3.3958, 15.8842
Hunter-Lab	49.6708, 5.7555, 5.0766

Details

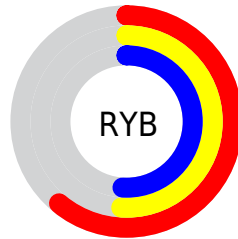
The XYZ color **25.7897, 24.6719, 24.8756** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0118, 30.8900, 35.5507**, and the grayscale version is **24.1238, 25.3802, 27.6390**.

A 20% lighter version of the original color is **52.4492, 51.1765, 52.4611**, and **10.1743, 9.4371, 9.2679** is the 20% darker color. If you saturate the color by 10%, you get **22.9257, 20.4549, 19.2626**, and if you desaturate by 10%, it is **29.1169, 29.5793, 31.3700**.

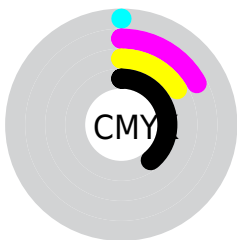
Distribution



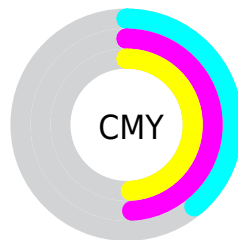
- Red (61%)
- Green (51%)
- Blue (51%)



- Red (61%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7897, 24.6719, 24.8756 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 25.7897, 24.6719, 24.8756 by changing the saturation by 10% instead.

■ 25.7897, 24.6719,
24.8756

■ 25.7897, 24.6719,
24.8756

274.0239,
276.2000, 290.6457

■ 16.7982, 15.8328,
15.7662

■ 52.3692, 51.1244,
52.4170

■ 10.1852, 9.4059,
9.2063

■ 70.6880, 69.5067,
71.6860

■ 5.5851, 5.0069,
4.7774

■ 92.8465, 91.8387,
95.1787

■ 2.6327, 2.2513,
2.0608

119.2102,
118.5050, 123.3136

■ 0.9627, 0.7477,
0.5923

150.1445,
149.8898, 156.5092

■ 0.0000, 0.0000,
0.0000

186.0146,

186.3777, 195.1840

227.1859,
228.3530, 239.7567

■ 25.7897, 24.6719,
24.8756

■ 25.7897, 24.6719,
24.8756

■ 22.9257, 20.4549,
19.2626

■ 29.1169, 29.5793,
31.3700

■ 20.5025, 16.8941,
14.4915

■ 32.9244, 35.2025,
38.7797

■ 18.4988, 13.9575,
10.5222

■ 37.2310, 41.5698,
47.1390

■ 16.8908, 11.6093,
7.3108

■ 42.0538, 48.7070,
56.4798

■ 15.6522, 9.8097,
4.8089

■ 47.4091, 56.6385,
66.8324

■ 14.7537, 8.5143,
2.9627

■ 53.3126, 65.3879,
78.2260

■ 14.1613, 7.6717,
1.7110

■ 59.7791, 74.9777,
90.6886

■ 13.8272, 7.2051,
0.9781

■ 66.8231, 85.4293,
104.2469

■ 13.7432, 7.0811,
0.8142

■ 67.5204, 85.8080,
107.6116

Harmonies

Analogous

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



25.8456, 24.6719, 28.3698



25.7897, 24.6719, 24.8756



25.0933, 24.6719, 22.1579

Triad

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



25.7897, 24.6719, 24.8756



21.7434, 24.6719, 22.5204



22.9373, 24.6719, 34.0654

Complementary

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



25.7897, 24.6719, 24.8756



27.0118, 30.8900, 35.5507

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.



21.8799, 24.6719, 32.1922



25.7897, 24.6719, 24.8756



21.2070, 24.6719, 25.4115

Square

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



25.7897, 24.6719, 24.8756



22.7451, 24.6719, 20.8824



21.2561, 24.6719, 28.9546



24.1691, 24.6719, 33.8899

Rectangle

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



25.7897, 24.6719, 24.8756



24.3729, 24.6719, 21.0584



21.2561, 24.6719, 28.9546



22.5505, 24.6719, 33.6480

Sweetspot

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



25.7904, 24.6730, 24.8761



53.9082, 55.2356, 58.9719



27.4442, 25.3056, 34.8908



11.7680, 12.0153, 12.7930



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.



25.7904, 24.6730, 24.8761



44.8047, 41.8109, 41.1940



27.3688, 27.9374, 25.0704



6.6429, 6.6501, 6.9704



11.3231, 5.8338, 0.6865



0.2051, 0.1054, 0.0264

Inverse Universe

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



25.7904, 24.6730, 24.8761



44.8047, 41.8109, 41.1940



25.2264, 27.1846, 35.3704



6.6429, 6.6501, 6.9704



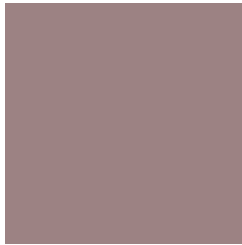
11.3231, 5.8338, 0.6865



0.2051, 0.1054, 0.0264

Previews

White Background



This preview shows how the XYZ color 25.7897, 24.6719, 24.8756 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 25.7897, 24.6719, 24.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

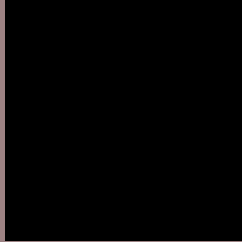
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7897, 24.6719, 24.8756

Background



This preview shows how black text looks on a background with the XYZ color 25.7897, 24.6719, 24.8756.



This preview shows how white text looks on a background with the XYZ color 25.7897, 24.6719,

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

25.7897, 24.6719, 24.8756

Protanopia

23.7547, 24.8185, 26.0927

Deuteranopia

25.2969, 24.8166, 24.9295



Tritanopia

26.4151, 24.7327, 27.8078

Trichromacy



Original Color

25.7897, 24.6719, 24.8756

Protanomaly

24.4358, 24.7634, 25.6822

Deuteranomaly

25.3499, 24.6436, 24.8933

Tritanomaly

26.1988, 24.6462, 26.6689

Monochromacy



Original Color

25.7897, 24.6719, 24.8756

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7142, 25.0970, 26.4633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7897, 24.6719, 24.8756 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.7897, 24.6719, 24.8756 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, 131) }
```


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

```
.border{ border-color:rgb(156, 130, 131) }
```

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, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 131);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7897, 24.6719, 24.8756 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, 131) }
```

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

```
.background{ background-color: rgb(156,  
130, 131) }
```

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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