

Converting Colors

XYZ(27.5827, 25.6708, 21.5911)

Have a look what the booklet for
XYZ(27.5827, 25.6708, 21.5911)
contains.

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Color

**XYZ(27.5823, 25.6706,
21.5903)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A88279 |
| RGB | 168, 130, 121 |
| RGB Percent | 66%, 51%, 47% |
| CMY | 0.3412, 0.4902, 0.5255 |
| CMYK | 0.00, 0.23, 0.28, 0.34 |
| HSL | 11°, 21%, 57% |
| HSV | 11°, 28%, 66% |
| XYZ | 27.5823, 25.6706, 21.5903 |
| YIQ | 140.3360, 25.5370, 5.2570 |

Conversions

Conversions Part 2

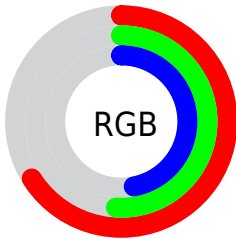
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 168, 132, 121 |
| Decimal | 11043449 |
| CIE _{Lab} | 57.72, 13.26, 10.48 |
| CIE _{LCh} | 58, 16.902, 38.331 |
| Yxy | 25.6706, 0.3685, 0.3430 |
| Android (android.graphics.Color) | 4289233529 (0xFFA88279) |
| YUV | 140.3360, -9.5326, 24.2613 |
| Hunter-Lab | 50.6662, 8.5084, 10.2011 |

Details

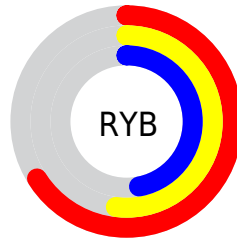
The XYZ color **27.5823, 25.6706, 21.5903** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.3508, 31.6874, 41.7207**, and the grayscale version is **25.0876, 26.3941, 28.7431**.

A 20% lighter version of the original color is **55.2168, 52.7314, 46.8031**, and **11.1824, 9.9976, 7.4712** is the 20% darker color. If you saturate the color by 10%, you get **24.9517, 21.9169, 16.0655**, and if you desaturate by 10%, it is **30.6322, 29.9754, 28.1406**.

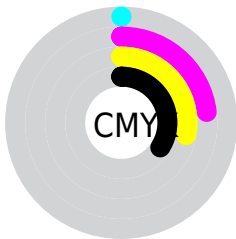
Distribution



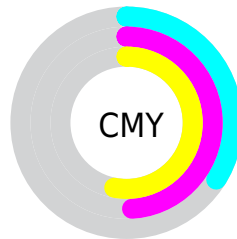
- Red (66%)
- Green (51%)
- Blue (47%)



- Red (66%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5823, 25.6706, 21.5903 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 27.5823, 25.6706, 21.5903 by changing the saturation by 10% instead.

■ 27.5823, 25.6706,
21.5903

■ 27.5823, 25.6706,
21.5903

282.5820,
281.1613, 273.2825

■ 18.1499, 16.5774,
13.3607

■ 55.2302, 52.7431,
46.9614

■ 11.1580, 9.9336,
7.5438

■ 74.1764, 71.4911,
64.9400

■ 6.2413, 5.3550,
3.7209

■ 97.0245, 94.2262,
87.0054

■ 3.0344, 2.4570,
1.4735

124.1399,
121.3327, 113.5760

■ 1.1720, 0.8550,
0.1981

155.8881,
153.1951, 145.0705

■ 0.0841, 0.0000,
0.0000

192.6342,

■ 0.0000, 0.0000,

190.1977, 181.9074

0.0000

234.7437,
232.7250, 224.5053

■ 27.5823, 25.6706,
21.5903

■ 27.5823, 25.6706,
21.5903

■ 24.9517, 21.9169,
16.0655

■ 30.6322, 29.9754,
28.1406

■ 22.7197, 18.6884,
11.5127

■ 34.1168, 34.8488,
35.7633

■ 20.8671, 15.9627,
7.8756


■ 38.0532, 40.3118,
44.5041


■ 19.3720, 13.7139,
5.0916

■ 42.4567, 46.3832,
54.4058


■ 18.2103, 11.9141,
3.0902


■ 47.3423, 53.0811,
65.5088


 17.3547, 10.5323,
1.7895


 52.7241, 60.4229,
77.8515

 16.7662, 9.5304,
1.0535

 58.6155, 68.4251,
91.4708

 16.6700, 9.3678,
0.9296

 64.9651, 77.0780,
106.0613

 69.0843, 85.3165,
107.4343

Harmonies

Analogous

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



28.4575, 25.6706, 26.3663



27.5823, 25.6706, 21.5903



25.8651, 25.6706, 18.8167

Triad

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



27.5823, 25.6706, 21.5903



20.9569, 25.6706, 24.0328



24.9676, 25.6706, 40.4982

Complementary

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



27.5823, 25.6706, 21.5903



27.3508, 31.6874, 41.7207

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.



22.9897, 25.6706, 39.6461



27.5823, 25.6706, 21.5903



20.7462, 25.6706, 29.5978

Square

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



27.5823, 25.6706, 21.5903



22.0633, 25.6706, 20.0851



21.4708, 25.6706, 35.4521



26.8943, 25.6706, 37.6413

Rectangle

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



27.5823, 25.6706, 21.5903



24.5127, 25.6706, 18.2215



21.4708, 25.6706, 35.4521



24.2859, 25.6706, 40.6430

Sweetspot

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



27.5830, 25.6718, 21.5908



61.7948, 63.0779, 64.6441



29.2774, 24.5164, 36.1648



13.2569, 13.4532, 13.6236



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.5830, 25.6718, 21.5908



46.7962, 41.9466, 32.3123



31.0102, 32.5262, 22.7332



7.6431, 7.7663, 7.8855



12.6178, 7.1329, 0.7118



0.3391, 0.2378, 0.0280

Inverse Universe

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



27.3508, 31.6874, 41.7207



46.2919, 54.7968, 75.3621



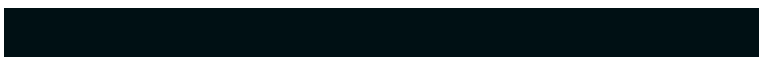
23.7410, 24.4679, 40.5174



7.6236, 8.2842, 9.6155



12.0020, 15.4641, 30.3278



0.3225, 0.4373, 0.7480

Previews

White Background



This preview shows how the XYZ color 27.5823, 25.6706, 21.5903 looks on a white background.

Color Contrast Check

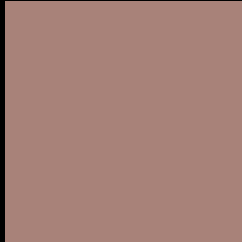
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5823, 25.6706, 21.5903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

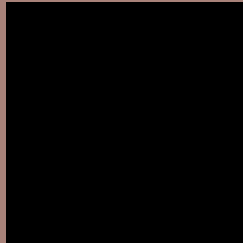
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5823, 25.6706, 21.5903

Background



This preview shows how black text looks on a background with the XYZ color 27.5823, 25.6706, 21.5903.



This preview shows how white text looks on a background with the XYZ color 27.5823, 25.6706,

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

27.5823, 25.6706, 21.5903

Protanopia

24.4672, 25.6774, 23.0687

Deuteranopia

26.2133, 25.7772, 21.3632



Tritanopia

28.8121, 25.7905, 27.1264

Trichromacy



Original Color

27.5823, 25.6706, 21.5903

Protanomaly

25.4389, 25.5555, 22.6607

Deuteranomaly

26.6780, 25.8125, 21.3455

Tritanomaly

28.3092, 25.7742, 24.9556

Monochromacy



Original Color

27.5823, 25.6706, 21.5903

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6155, 25.7858, 25.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5823, 25.6706, 21.5903 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(168, 130, 121)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 130, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 130, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.5823, 25.6706, 21.5903 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(168, 130, 121) }
```


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

```
.border{ border-color:rgb(168, 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(168, 130, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(168, 130,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5823, 25.6706, 21.5903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 130, 121) }
```

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

```
.background{ background-color: rgb(168,  
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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