

Converting Colors

XYZ(27.7296, 27.8180, 21.9971)

Have a look what the booklet for
XYZ(27.7296, 27.8180, 21.9971)
contains.

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Color

**XYZ(27.7296, 27.8180,
21.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C79
RGB	162, 140, 121
RGB Percent	64%, 55%, 47%
CMY	0.3647, 0.4510, 0.5255
CMYK	0.00, 0.14, 0.25, 0.36
HSL	28°, 18%, 55%
HSV	28°, 25%, 64%
XYZ	27.7296, 27.8180, 21.9971
YIQ	144.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

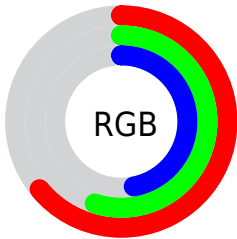
Format	Color
R_{YB}	162, 156, 121
Decimal	10652793
CIE _{Lab}	59.72, 5.22, 13.20
CIE _{LCh}	60, 14.199, 68.423
Yxy	27.8180, 0.3576, 0.3587
Android (android.graphics.Color)	4288842873 (0xFFA28C79)
YUV	144.4120, -11.5421, 15.4247
Hunter-Lab	52.7428, 1.5468, 12.1922

Details

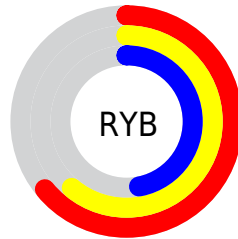
The XYZ color **27.7296, 27.8180, 21.9971** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2291, 26.3180, 37.9856**, and the grayscale version is **26.7158, 28.1071, 30.6086**.

A 20% lighter version of the original color is **55.4499, 56.3524, 47.4897**, and **11.2563, 11.0952, 7.6792** is the 20% darker color. If you saturate the color by 10%, you get **25.5983, 25.0139, 16.7901**, and if you desaturate by 10%, it is **30.1296, 30.8920, 28.1175**.

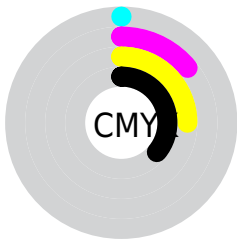
Distribution



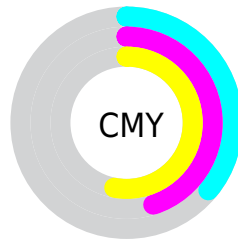
- Red (64%)
- Green (55%)
- Blue (47%)



- Red (64%)
- Yellow (61%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7296, 27.8180, 21.9971 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 27.7296, 27.8180, 21.9971 by changing the saturation by 10% instead.

■ 27.7296, 27.8180,
21.9971

■ 27.7296, 27.8180,
21.9971

283.2761,
291.5962, 275.4841

■ 18.2613, 18.1885,
13.6565

■ 55.4641, 56.1937,
47.6433

■ 11.2386, 11.0854,
7.7461

■ 74.4611, 75.7088,
65.7860

■ 6.2960, 6.1243,
3.8475

■ 97.3650, 99.2878,
88.0331

■ 3.0683, 2.9208,
1.5421

124.5412,
127.3152, 114.8032

■ 1.1900, 1.0905,
0.2490

156.3551,
160.1753, 146.5148

■ 0.0984, 0.0000,
0.0000

193.1719,

■ 0.0000, 0.0000,

198.2526, 183.5865

0.0000

235.3572,
241.9314, 226.4368

■ 27.7296, 27.8180,
21.9971

■ 27.7296, 27.8180,
21.9971

■ 25.5983, 25.0139,
16.7901

■ 30.1296, 30.8920,
28.1175

■ 23.7229, 22.4681,
12.4501

■ 32.8059, 34.2397,
35.1910

■ 22.0926, 20.1733,
8.9291

■ 35.7689, 37.8697,
43.2572

■ 20.6950, 18.1206,
6.1741

■ 39.0275, 41.7887,
52.3529

■ 19.5163, 16.3004,
4.1252

■ 42.5901, 46.0035,
62.5129

■ 18.5410, 14.7022,
2.7139

■ 46.4650, 50.5205,
73.7705

■ 17.7498, 13.3136,
1.8525

■ 50.6599, 55.3460,
86.1576

■ 17.4223, 12.7252,
1.5379

■ 55.1825, 60.4859,
99.7045

■ 58.0809, 65.1624,
104.1242

Harmonies

Analogous

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



29.2368, 27.8180, 24.5532



27.7296, 27.8180, 21.9971



25.9379, 27.8180, 21.5271

Triad

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



27.7296, 27.8180, 21.9971



23.1715, 27.8180, 31.7599



28.6432, 27.8180, 38.7100

Complementary

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



27.7296, 27.8180, 21.9971



24.2291, 26.3180, 37.9856

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.



26.9489, 27.8180, 41.1546



27.7296, 27.8180, 21.9971



23.8278, 27.8180, 36.8552

Square

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



27.7296, 27.8180, 21.9971



23.3593, 27.8180, 26.7981



25.1914, 27.8180, 40.4400



29.7807, 27.8180, 34.0707

Rectangle

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



27.7296, 27.8180, 21.9971



24.8315, 27.8180, 22.4025



25.1914, 27.8180, 40.4400



28.1169, 27.8180, 39.8383

Sweetspot

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



27.7303, 27.8193, 21.9977



58.1226, 60.3795, 60.0538



26.7377, 23.3564, 29.3049



12.8929, 13.3600, 13.0599



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.7303, 27.8193, 21.9977



48.2459, 47.7637, 34.7578



30.9139, 34.1864, 23.0589



7.3317, 7.6017, 7.4609



13.7679, 10.1098, 1.2257



0.3365, 0.3068, 0.0415

Inverse Universe

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



24.2291, 26.3180, 37.9856



40.8536, 44.5926, 68.5101



21.4963, 20.8523, 37.0746



7.0004, 7.4598, 8.9740



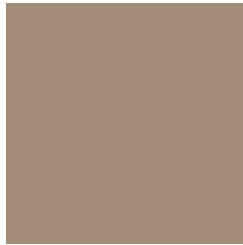
7.8610, 7.5014, 27.9634



0.2119, 0.2511, 0.6031

Previews

White Background



This preview shows how the XYZ color 27.7296, 27.8180, 21.9971 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 27.7296, 27.8180, 21.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

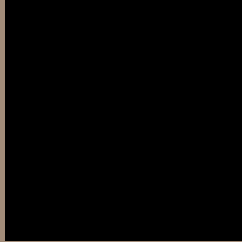
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7296, 27.8180, 21.9971

Background



This preview shows how black text looks on a background with the XYZ color 27.7296, 27.8180, 21.9971.



This preview shows how white text looks on a background with the XYZ color 27.7296, 27.8180,

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

27.7296, 27.8180, 21.9971

Protanopia

26.3109, 27.9559, 22.7482

Deuteranopia

28.2656, 27.6644, 21.9392



Tritanopia

29.5877, 27.7142, 31.3937

Trichromacy



Original Color

27.7296, 27.8180, 21.9971

Protanomaly

26.8529, 28.0186, 22.4052

Deuteranomaly

28.2009, 27.8450, 21.9774

Tritanomaly

28.8429, 27.6188, 27.8555

Monochromacy



Original Color

27.7296, 27.8180, 21.9971

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0289, 28.0018, 27.2729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7296, 27.8180, 21.9971 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(162, 140, 121)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 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(162, 140, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.7296, 27.8180, 21.9971 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(162, 140, 121) }
```


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

```
.border{ border-color:rgb(162, 140, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 121);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7296, 27.8180, 21.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 121) }
```

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

```
.background{ background-color: rgb(162,  
140, 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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