

Converting Colors

XYZ(28.4605, 27.7355, 25.3415)

Have a look what the booklet for
XYZ(28.4605, 27.7355, 25.3415)
contains.

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Color

**XYZ(28.4951, 27.7082,
25.3191)**

Conversions

Conversions Part 1

Format	Color
Hex	A48A83
RGB	164, 138, 131
RGB Percent	64%, 54%, 51%
CMY	0.3569, 0.4588, 0.4863
CMYK	0.00, 0.16, 0.20, 0.36
HSL	13°, 15%, 58%
HSV	13°, 20%, 64%
XYZ	28.4951, 27.7082, 25.3191
YIQ	144.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

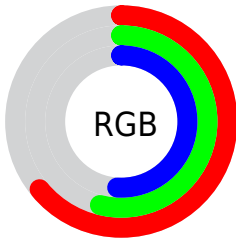
Format	Color
RYB	164, 140, 131
Decimal	10783363
CIELab	59.62, 8.68, 7.40
CIELCh	60, 11.403, 40.461
Yxy	27.7082, 0.3495, 0.3399
Android (android.graphics.Color)	4288973443 (0xFFA48A83)
YUV	144.9760, -6.8902, 16.6840
Hunter-Lab	52.6386, 4.5108, 8.3286

Details

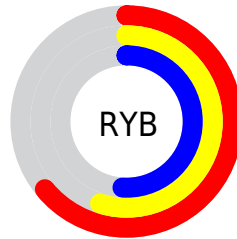
The XYZ color **28.4951, 27.7082, 25.3191** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1177, 31.6188, 39.7433**, and the grayscale version is **26.9266, 28.3289, 30.8501**.

A 20% lighter version of the original color is **56.4959, 55.7824, 53.1368**, and **11.6948, 11.0334, 9.4959** is the 20% darker color. If you saturate the color by 10%, you get **25.7259, 23.8099, 19.3394**, and if you desaturate by 10%, it is **31.6623, 32.1205, 32.3002**.

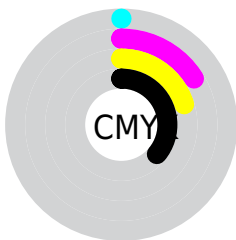
Distribution



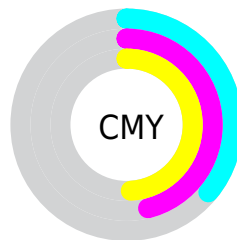
- Red (64%)
- Green (54%)
- Blue (51%)



- Red (64%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4951, 27.7082, 25.3191 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 28.4951, 27.7082, 25.3191 by changing the saturation by 10% instead.

■ 28.4951, 27.7082,
25.3191

■ 28.4951, 27.7082,
25.3191

286.8626,
291.0699, 292.9218

■ 18.8416, 18.1058,
16.0938

■ 56.6771, 56.0182,
53.1450

■ 11.6592, 11.0260,
9.4355

■ 75.9362, 75.4947,
72.5826

■ 6.5826, 6.0843,
4.9256

■ 99.1279, 99.0312,
96.2613

■ 3.2464, 2.8964,
2.1457

126.6176,
127.0123, 124.5998

■ 1.2854, 1.0779,
0.6428

158.7705,
159.8224, 158.0166

■ 0.1722, 0.0000,
0.0000

195.9521,

■ 0.0000, 0.0000,

197.8457, 196.9301

0.0000

238.5276,
241.4668, 241.7590

■ 28.4951, 27.7082,
25.3191

■ 28.4951, 27.7082,
25.3191

■ 25.7259, 23.8099,
19.3394

■ 31.6623, 32.1205,
32.3002

■ 23.3364, 20.4030,
14.3133

■ 35.2403, 37.0607,
40.3240

■ 21.3105, 17.4689,
10.1916

■ 39.2441, 42.5469,
49.4316

■ 19.6296, 14.9866,
6.9202

■ 43.6872, 48.5952,
59.6614

■ 18.2737, 12.9329,
4.4390

■ 48.5826, 55.2211,
71.0499

■ 17.2204, 11.2830,
2.6799

■ 53.9426, 62.4394,
83.6319

■ 16.4443, 10.0092,
1.5634

■ 59.7792, 70.2645,
97.4408

■ 15.9052, 9.0831,
0.9149

■ 64.9224, 78.2375,
106.2873

■ 68.8911, 86.1748,
107.6102

Harmonies

Analogous

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



29.1482, 27.7082, 28.7551



28.4951, 27.7082, 25.3191



27.2710, 27.7082, 23.3080

Triad

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



28.4951, 27.7082, 25.3191



23.8161, 27.7082, 27.5989



26.8408, 27.7082, 38.6418

Complementary

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



28.4951, 27.7082, 25.3191



28.1177, 31.6188, 39.7433

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.



25.4222, 27.7082, 38.2606



28.4951, 27.7082, 25.3191



23.7104, 27.7082, 31.6295

Square

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



28.4951, 27.7082, 25.3191



24.5827, 27.7082, 24.5390



24.2885, 27.7082, 35.6029



28.1703, 27.7082, 36.6015

Rectangle

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



28.4951, 27.7082, 25.3191



26.3136, 27.7082, 22.9265



24.2885, 27.7082, 35.6029



26.3580, 27.7082, 38.7968

Sweetspot

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



28.4959, 27.7095, 25.3197



59.9844, 61.7813, 64.2367



29.5465, 26.5735, 35.6499



13.0291, 13.3895, 13.8538



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.



28.4959, 27.7095, 25.3197



49.4607, 47.1201, 41.0409



30.9790, 32.6758, 26.1474



7.1900, 7.3183, 7.4137



12.2248, 7.0235, 0.7114



0.2878, 0.2094, 0.0252

Inverse Universe

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



28.1177, 31.6188, 39.7433



48.6494, 55.4790, 71.8967



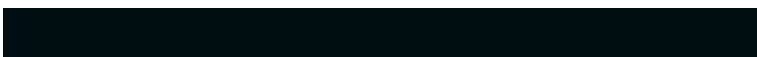
25.5714, 26.5263, 38.8946



7.1479, 7.7549, 9.0232



11.2122, 14.2038, 29.0804



0.2658, 0.3589, 0.6211

Previews

White Background



This preview shows how the XYZ color 28.4951, 27.7082, 25.3191 looks on a white background.

Color Contrast Check

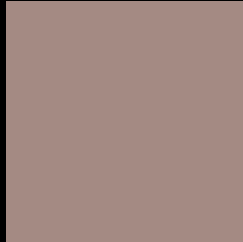
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4951, 27.7082, 25.3191 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 28.4951, 27.7082, 25.3191

Background



This preview shows how black text looks on a background with the XYZ color 28.4951, 27.7082, 25.3191.



This preview shows how white text looks on a background with the XYZ color 28.4951, 27.7082,

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

28.4951, 27.7082, 25.3191

Protanopia

26.5200, 27.7557, 26.5139

Deuteranopia

28.2296, 27.7853, 25.3480



Tritanopia

29.7184, 27.7906, 30.9919

Trichromacy



Original Color

28.4951, 27.7082, 25.3191

Protanomaly

27.0849, 27.6132, 26.0927

Deuteranomaly

28.4336, 27.8905, 25.3575

Tritanomaly

29.2704, 27.8137, 29.0252

Monochromacy



Original Color

28.4951, 27.7082, 25.3191

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3555, 27.9149, 28.7573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4951, 27.7082, 25.3191 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(164, 138, 131)` looks like.

```
.text, #text, p{  
    color:rgb(164, 138, 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(164, 138, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 138, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.4951, 27.7082, 25.3191 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(164, 138, 131) }
```


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

```
.border{ border-color:rgb(164, 138, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 138, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 138, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 138, 131);  
box-shadow:4px 4px 4px 4px rgb(164, 138,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4951, 27.7082, 25.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 138, 131) }
```

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

```
.background{ background-color: rgb(164,  
138, 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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