

Converting Colors

XYZ(27.2266, 25.3533, 18.5901)

Have a look what the booklet for
XYZ(27.2266, 25.3533, 18.5901)
contains.

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Color

**XYZ(27.2971, 25.3943,
18.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	AA816F
RGB	170, 129, 111
RGB Percent	67%, 51%, 44%
CMY	0.3333, 0.4941, 0.5647
CMYK	0.00, 0.24, 0.35, 0.33
HSL	18°, 26%, 55%
HSV	18°, 35%, 67%
XYZ	27.2971, 25.3943, 18.5018
YIQ	139.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

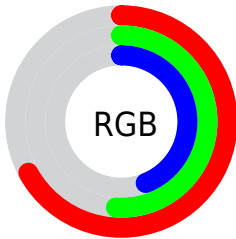
Format	Color
R_{YB}	170, 137, 111
Decimal	11174255
CIE _{Lab}	57.46, 13.26, 15.87
CIE _{LCh}	57, 20.682, 50.133
Yxy	25.3943, 0.3834, 0.3567
Android (android.graphics.Color)	4289364335 (0xFFAA816F)
YUV	139.2070, -13.9061, 27.0055
Hunter-Lab	50.3928, 8.5038, 13.5065

Details

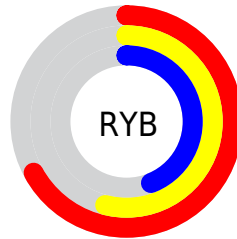
The XYZ color **27.2971, 25.3943, 18.5018** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0391, 28.7373, 42.2574**, and the grayscale version is **24.6647, 25.9492, 28.2587**.

A 20% lighter version of the original color is **54.7028, 52.2690, 41.8561**, and **10.9683, 9.8092, 6.0179** is the 20% darker color. If you saturate the color by 10%, you get **24.9817, 22.1216, 13.5431**, and if you desaturate by 10%, it is **29.9719, 29.1004, 24.4597**.

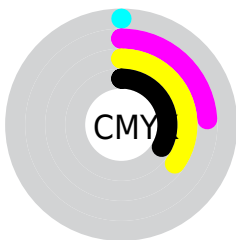
Distribution



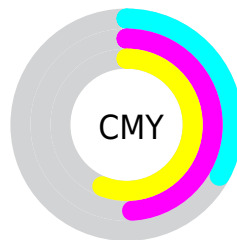
- Red (67%)
- Green (51%)
- Blue (44%)



- Red (67%)
- Yellow (54%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (56%)
- Black (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2971, 25.3943, 18.5018 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 27.2971, 25.3943, 18.5018 by changing the saturation by 10% instead.

 27.2971, 25.3943,
18.5018


 27.2971, 25.3943,
18.5018


281.2341,
279.7959, 256.0149


 17.9342, 16.3711,
11.1377


 54.7768, 52.2962,
41.7160


 11.0022, 9.7871,
6.0442


 73.6243, 70.9436,
58.4031

 6.1356, 5.2580,
2.8027


 96.3641, 93.5679,
79.0350

 2.9692, 2.3994,
0.9948

 123.3614,
120.5534, 104.0302

 1.1375, 0.8256,
0.0000

154.9818,
152.2846, 133.8073

 0.0561, 0.0000,
0.0000

191.5904,

 0.0000, 0.0000,

189.1458, 168.7847

0.0000

233.5528,
231.5215, 209.3810

■ 27.2971, 25.3943,
18.5018

■ 27.2971, 25.3943,
18.5018

■ 24.9817, 22.1216,
13.5431

■ 29.9719, 29.1004,
24.4597

■ 23.0075, 19.2625,
9.5268

■ 33.0192, 33.2518,
31.4665

■ 21.3575, 16.8009,
6.3923

■ 36.4540, 37.8642,
39.5701

■ 20.0125, 14.7181,
4.0717

■ 40.2897, 42.9514,
48.8154

■ 18.9506, 12.9937,
2.4866

■ 44.5391, 48.5267,
59.2444

■ 18.1465, 11.6050,
1.5420

■ 49.2144, 54.6030,
70.8971

■ 17.8000, 10.9909,
1.1833

■ 54.3273, 61.1924,
83.8118

■ 59.8890, 68.3069,
98.0247

■ 64.4268, 75.3644,
105.7589

Harmonies

Analogous

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



28.8553, 25.3943, 23.2447



27.2971, 25.3943, 18.5018



24.9561, 25.3943, 16.3365

Triad

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



27.2971, 25.3943, 18.5018



19.7701, 25.3943, 25.3932



25.8014, 25.3943, 42.4179

Complementary

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



27.2971, 25.3943, 18.5018



25.0391, 28.7373, 42.2574

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.



23.3351, 25.3943, 43.2579



27.2971, 25.3943, 18.5018



19.9625, 25.3943, 32.5796

Square

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



27.2971, 25.3943, 18.5018



20.6852, 25.3943, 19.8443



21.2298, 25.3943, 39.4047



27.9519, 25.3943, 37.2737

Rectangle

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



27.2971, 25.3943, 18.5018



23.3139, 25.3943, 16.3442



21.2298, 25.3943, 39.4047



24.9783, 25.3943, 43.2432

Sweetspot

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



27.2978, 25.3955, 18.5023



62.6406, 64.0126, 63.4927



27.9543, 22.1920, 32.6451



13.7819, 14.0233, 13.7187



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.2978, 25.3955, 18.5023



46.0939, 41.2320, 26.1843



31.7080, 34.2159, 19.9724



7.7109, 7.9018, 7.9081



13.1381, 8.1734, 0.8852



0.3643, 0.2881, 0.0364

Inverse Universe

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



25.0391, 28.7373, 42.2574



41.3307, 48.2321, 76.1332



20.8697, 20.3984, 40.8676



7.5515, 8.1399, 9.5915



10.1646, 11.7895, 29.7154



0.2893, 0.3707, 0.7370

Previews

White Background



This preview shows how the XYZ color 27.2971, 25.3943, 18.5018 looks on a white background.

Color Contrast Check

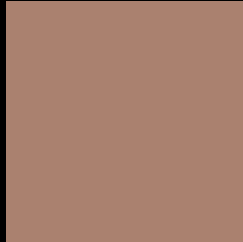
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2971, 25.3943, 18.5018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

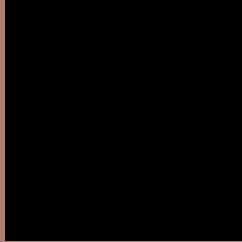
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2971, 25.3943, 18.5018

Background



This preview shows how black text looks on a background with the XYZ color 27.2971, 25.3943, 18.5018.



This preview shows how white text looks on a background with the XYZ color 27.2971, 25.3943,

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

27.2971, 25.3943, 18.5018

Protanopia

24.0371, 25.5258, 19.8797

Deuteranopia

25.8999, 25.4779, 18.3045



Tritanopia

28.8473, 25.4416, 26.3120

Trichromacy



Original Color

27.2971, 25.3943, 18.5018

Protanomaly

25.2188, 25.5114, 19.5146

Deuteranomaly

26.3756, 25.5208, 18.2877

Tritanomaly

28.1499, 25.3430, 23.1467

Monochromacy



Original Color

27.2971, 25.3943, 18.5018

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.2041, 25.3970, 24.3426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2971, 25.3943, 18.5018 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(170, 129, 111)` looks like.

```
.text, #text, p{  
    color:rgb(170, 129, 111)  
}
```

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(170, 129, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 129, 111) }
```

Border

The CSS property to change the border of an element to XYZ 27.2971, 25.3943, 18.5018 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(170, 129, 111) }
```


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

```
.border{ border-color:rgb(170, 129, 111) }
```

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

Here you see how a box with a 4 pixel rgb(170, 129, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 129, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 129, 111);  
box-shadow:4px 4px 4px 4px rgb(170, 129,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2971, 25.3943, 18.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 129, 111) }
```

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

```
.background{ background-color: rgb(170,  
129, 111) }
```

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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