

Converting Colors

XYZ(27.9474, 27.7445, 24.4866)

Have a look what the booklet for
XYZ(27.9474, 27.7445, 24.4866)
contains.

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Color

**XYZ(27.8930, 27.6273,
24.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	A18B81
RGB	161, 139, 129
RGB Percent	63%, 55%, 51%
CMY	0.3686, 0.4549, 0.4941
CMYK	0.00, 0.14, 0.20, 0.37
HSL	19°, 15%, 57%
HSV	19°, 20%, 63%
XYZ	27.8930, 27.6273, 24.6314
YIQ	144.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

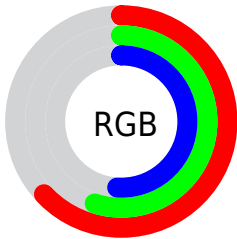
Format	Color
R_{YB}	161, 144, 129
Decimal	10587009
CIE _{Lab}	59.55, 6.62, 8.40
CIE _{LCh}	60, 10.692, 51.748
Yxy	27.6273, 0.3480, 0.3447
Android (android.graphics.Color)	4288777089 (0xFFA18B81)
YUV	144.4380, -7.6109, 14.5249
Hunter-Lab	52.5617, 2.7420, 9.0088

Details

The XYZ color **27.8930, 27.6273, 24.6314** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5527, 29.3728, 37.9884**, and the grayscale version is **26.7117, 28.1028, 30.6040**.

A 20% lighter version of the original color is **55.6120, 55.6756, 52.0714**, and **11.3270, 10.9752, 9.1108** is the 20% darker color. If you saturate the color by 10%, you get **25.3840, 24.1890, 18.9247**, and if you desaturate by 10%, it is **30.7344, 31.4600, 31.2815**.

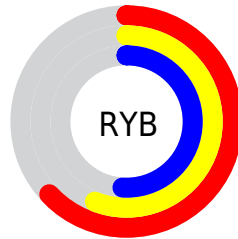
Distribution



Red (63%)

Green (55%)

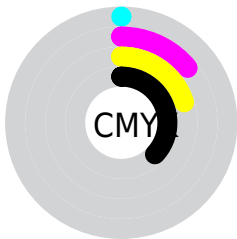
Blue (51%)



Red (63%)

Yellow (56%)

Blue (51%)

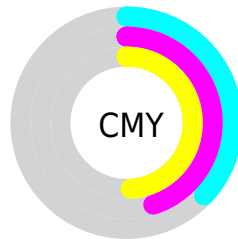


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (37%)



Cyan (37%)

Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8930, 27.6273, 24.6314 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 27.8930, 27.6273, 24.6314 by changing the saturation by 10% instead.

■ 27.8930, 27.6273,
24.6314

■ 27.8930, 27.6273,
24.6314

284.0446,
290.6817, 289.3860

■ 18.3851, 18.0449,
15.5861

■ 55.7234, 55.8889,
52.0153

■ 11.3282, 10.9822,
9.0806

■ 74.7766, 75.3368,
71.1910

■ 6.3569, 6.0549,
4.6963

■ 97.7422, 98.8421,
94.5806

■ 3.1060, 2.8785,
2.0146

124.9857,
126.7890, 122.6026

■ 1.2101, 1.0686,
0.5642

156.8723,
159.5621, 155.6757

■ 0.1143, 0.0000,
0.0000

193.7674,

■ 0.0000, 0.0000,

197.5456, 194.2182

0.0000

236.0364,
241.1240, 238.6488

■ 27.8930, 27.6273,
24.6314

■ 27.8930, 27.6273,
24.6314

■ 25.3840, 24.1890,
18.9247

■ 30.7344, 31.4600,
31.2815

■ 23.1925, 21.1287,
14.1166

■ 33.9179, 35.6956,
38.9136

■ 21.3057, 18.4342,
10.1612

■ 37.4556, 40.3468,
47.5662

■ 19.7090, 16.0910,
7.0077

■ 41.3583, 45.4249,
57.2752

■ 18.3866, 14.0840,
4.6002

■ 45.6363, 50.9405,
68.0747

■ 17.3206, 12.3964,
2.8751

■ 50.2996, 56.9038,
79.9975

■ 16.4912, 11.0102,
1.7581

■ 55.3577, 63.3250,
93.0747

■ 15.8598, 9.8989,
1.0805

■ 60.3654, 70.0318,
104.9436

■ 15.8527, 9.8865,
1.0728

■ 63.5000, 76.3011,
105.9885

Harmonies

Analogous

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



28.7352, 27.6273, 27.4195



27.8930, 27.6273, 24.6314



26.6319, 27.6273, 23.3302

Triad

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



27.8930, 27.6273, 24.6314



23.7815, 27.6273, 29.0308



27.2290, 27.6273, 37.4994

Complementary

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



27.8930, 27.6273, 24.6314



26.5527, 29.3728, 37.9884

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.



25.8894, 27.6273, 38.0236



27.8930, 27.6273, 24.6314



23.9291, 27.6273, 32.9103

Square

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



27.8930, 27.6273, 24.6314



24.2797, 27.6273, 25.7245



24.6899, 27.6273, 36.2814



28.3428, 27.6273, 34.9045

Rectangle

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



27.8930, 27.6273, 24.6314



25.7358, 27.6273, 23.3965



24.6899, 27.6273, 36.2814



26.7891, 27.6273, 37.9320

Sweetspot

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



27.8937, 27.6285, 24.6320



57.1145, 59.1100, 60.9549



28.1669, 25.5253, 32.8913



12.4527, 12.8659, 13.1930



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.8937, 27.6285, 24.6320



47.8264, 46.5760, 39.2320



30.3155, 32.4720, 25.4392



7.2460, 7.4305, 7.4324



12.6940, 7.9618, 0.8677



0.3072, 0.2483, 0.0317

Inverse Universe

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



26.5527, 29.3728, 37.9884



44.9637, 50.2933, 67.7243



24.2065, 24.6805, 37.2063



7.0885, 7.6359, 9.0033



9.6867, 11.1529, 28.5720



0.2427, 0.3127, 0.6134

Previews

White Background



This preview shows how the XYZ color 27.8930, 27.6273, 24.6314 looks on a white background.

Color Contrast Check

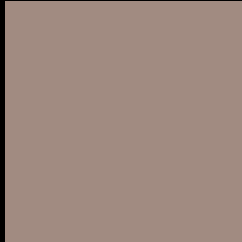
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8930, 27.6273, 24.6314 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 27.8930, 27.6273, 24.6314

Background



This preview shows how black text looks on a background with the XYZ color 27.8930, 27.6273, 24.6314.



This preview shows how white text looks on a background with the XYZ color 27.8930, 27.6273,

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

27.8930, 27.6273, 24.6314

Protanopia

26.3136, 27.6732, 25.4273

Deuteranopia

28.1552, 27.5485, 24.6023



Tritanopia

29.1749, 27.5014, 31.3744

Trichromacy



Original Color

27.8930, 27.6273, 24.6314

Protanomaly

26.8391, 27.7300, 25.0569

Deuteranomaly

27.9512, 27.4433, 24.5928

Tritanomaly

28.5796, 27.4662, 28.6061

Monochromacy



Original Color

27.8930, 27.6273, 24.6314

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9109, 27.6941, 28.3532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8930, 27.6273, 24.6314 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(161, 139, 129)` looks like.

```
.text, #text, p{  
    color:rgb(161, 139, 129)  
}
```

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(161, 139, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 139, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.8930, 27.6273, 24.6314 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(161, 139, 129) }
```


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

```
.border{ border-color:rgb(161, 139, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 139, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 139, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 139, 129);  
box-shadow:4px 4px 4px 4px rgb(161, 139,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8930, 27.6273, 24.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 139, 129) }
```

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

```
.background{ background-color: rgb(161,  
139, 129) }
```

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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