

Converting Colors

XYZ(27.0799, 27.3503, 17.9236)

Have a look what the booklet for
XYZ(27.0799, 27.3503, 17.9236)
contains.

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Color

**XYZ(27.0437, 27.3345,
18.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	A38B6C
RGB	163, 139, 108
RGB Percent	64%, 55%, 42%
CMY	0.3608, 0.4549, 0.5765
CMYK	0.00, 0.15, 0.34, 0.36
HSL	34°, 23%, 53%
HSV	34°, 34%, 64%
XYZ	27.0437, 27.3345, 18.0381
YIQ	142.6420, 24.2550, -4.5530

Conversions

Conversions Part 2

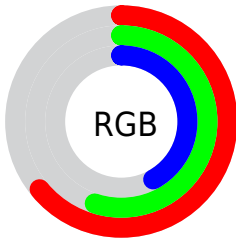
Format	Color
R_{YB}	151, 163, 108
Decimal	10718060
CIE _{Lab}	59.28, 4.37, 19.95
CIE _{LCh}	59, 20.427, 77.656
Yxy	27.3345, 0.3734, 0.3775
Android (android.graphics.Color)	4288908140 (0xFFA38B6C)
YUV	142.6420, -17.0785, 17.8540
Hunter-Lab	52.2824, 0.8370, 16.1419

Details

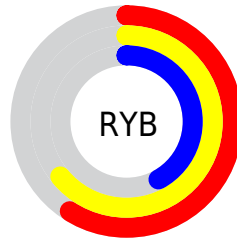
The XYZ color **27.0437, 27.3345, 18.0381** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.0463, 22.3344, 37.8522**, and the grayscale version is **26.0254, 27.3808, 29.8177**.

A 20% lighter version of the original color is **54.4082, 55.2974, 41.0636**, and **10.8184, 10.7860, 5.7867** is the 20% darker color. If you saturate the color by 10%, you get **25.2597, 25.0274, 13.5563**, and if you desaturate by 10%, it is **29.0583, 29.8430, 23.3976**.

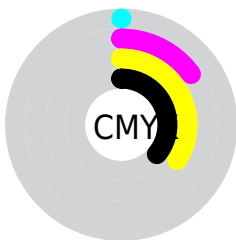
Distribution



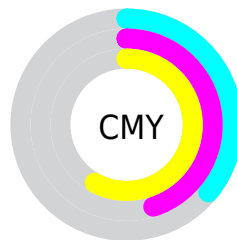
- Red (64%)
- Green (55%)
- Blue (42%)



- Red (59%)
- Yellow (64%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0437, 27.3345, 18.0381 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 27.0437, 27.3345, 18.0381 by changing the saturation by 10% instead.


 27.0437, 27.3345,
18.0381


 27.0437, 27.3345,
18.0381


280.0323,
289.2731, 253.3290


 17.7428, 17.8246,
10.8076


 54.3734, 55.4202,
40.9171


 10.8641, 10.8241,
5.8251


 73.1329, 74.7647,
57.4026

 6.0421, 5.9487,
2.6719


 95.7759, 98.1563,
77.8103

 2.9116, 2.8139,
0.9293

 122.6679,
125.9793, 102.5586

 1.1072, 1.0354,
0.0000

154.1742,
158.6180, 132.0661

 0.0311, 0.0000,
0.0000

190.6601,

 0.0000, 0.0000,

196.4570, 166.7513

0.0000

232.4911,
239.8805, 207.0327

■ 27.0437, 27.3345,
18.0381

■ 27.0437, 27.3345,
18.0381

■ 25.2597, 25.0274,
13.5563

■ 29.0583, 29.8430,
23.3976

■ 23.6940, 22.9119,
9.9025

■ 31.3110, 32.5549,
29.6775

■ 22.3359, 20.9824,
7.0242

■ 33.8114, 35.4770,
36.9199

■ 21.1730, 19.2320,
4.8626

■ 36.5682, 38.6145,
45.1634

■ 20.1911, 17.6528,
3.3500

■ 39.5892, 41.9725,
54.4449

■ 19.3736, 16.2357,
2.4056

■ 42.8822, 45.5559,
64.7992

■ 18.9214, 15.4206,
1.9792

■ 46.4544, 49.3692,
76.2594

■ 50.3129, 53.4171,
88.8574

■ 54.4645, 57.7038,
102.6235

Harmonies

Analogous

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



29.4276, 27.3345, 20.5382



27.0437, 27.3345, 18.0381



24.5208, 27.3345, 18.2806

Triad

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



27.0437, 27.3345, 18.0381



21.5802, 27.3345, 34.2311



29.7783, 27.3345, 40.2662

Complementary

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



27.0437, 27.3345, 18.0381



21.0463, 22.3344, 37.8522

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.



27.4973, 27.3345, 45.2605



27.0437, 27.3345, 18.0381



22.8139, 27.3345, 41.4031

Square

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



27.0437, 27.3345, 18.0381



21.4764, 27.3345, 26.8586



24.9458, 27.3345, 45.7077



31.0743, 27.3345, 32.8688

Rectangle

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



27.0437, 27.3345, 18.0381



23.0970, 27.3345, 19.9666



24.9458, 27.3345, 45.7077



29.0948, 27.3345, 42.3307

Sweetspot

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



27.0444, 27.3358, 18.0387



57.6162, 60.1204, 57.5613



24.6835, 20.1985, 24.6979



12.8086, 13.3479, 12.5494



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.



27.0444, 27.3358, 18.0387



46.1548, 46.0254, 26.5264



30.3514, 34.7767, 19.3006



7.3894, 7.7173, 7.4802



14.7511, 12.0762, 1.5535



0.3559, 0.3456, 0.0479

Inverse Universe

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



21.0463, 22.3344, 37.8522



33.8529, 35.7720, 67.1766



18.4979, 16.7332, 36.9054



6.9428, 7.3446, 8.9548



6.9385, 5.6565, 27.6559



0.1925, 0.2122, 0.5967

Previews

White Background



This preview shows how the XYZ color 27.0437, 27.3345, 18.0381 looks on a white background.

Color Contrast Check

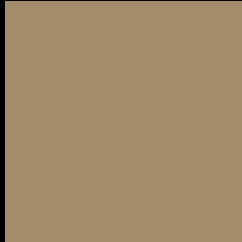
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0437, 27.3345, 18.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

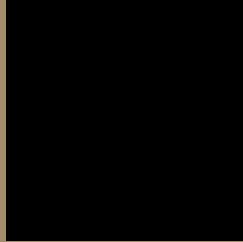
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0437, 27.3345, 18.0381

Background



This preview shows how black text looks on a background with the XYZ color 27.0437, 27.3345, 18.0381.



This preview shows how white text looks on a background with the XYZ color 27.0437, 27.3345,

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

27.0437, 27.3345, 18.0381

Protanopia

25.7738, 27.5430, 18.7098

Deuteranopia

27.8009, 27.2989, 17.9913



Tritanopia

29.4955, 27.2793, 30.0964

Trichromacy



Original Color

27.0437, 27.3345, 18.0381

Protanomaly

26.3379, 27.6182, 18.4107

Deuteranomaly

27.5211, 27.3667, 18.0191

Tritanomaly

28.6268, 27.3540, 25.2438

Monochromacy



Original Color

27.0437, 27.3345, 18.0381

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2799, 27.4417, 25.0308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0437, 27.3345, 18.0381 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(163, 139, 108)` looks like.

```
.text, #text, p{  
    color:rgb(163, 139, 108)  
}
```

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(163, 139, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 139, 108) }
```

Border

The CSS property to change the border of an element to XYZ 27.0437, 27.3345, 18.0381 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(163, 139, 108) }
```


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

```
.border{ border-color:rgb(163, 139, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 139, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 139, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 139, 108);  
box-shadow:4px 4px 4px 4px rgb(163, 139,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0437, 27.3345, 18.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 139, 108) }
```

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

```
.background{ background-color: rgb(163,  
139, 108) }
```

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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