

Converting Colors

XYZ(27.1128, 28.7202, 18.1075)

Have a look what the booklet for
XYZ(27.1128, 28.7202, 18.1075)
contains.

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Color

**XYZ(27.0773, 28.6833,
18.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	9F916B
RGB	159, 145, 107
RGB Percent	62%, 57%, 42%
CMY	0.3765, 0.4314, 0.5804
CMYK	0.00, 0.09, 0.33, 0.38
HSL	44°, 21%, 52%
HSV	44°, 33%, 62%
XYZ	27.0773, 28.6833, 18.0192
YIQ	144.8540, 20.5420, -8.8500

Conversions

Conversions Part 2

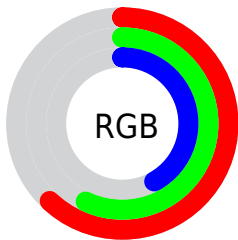
Format	Color
R_{YB}	126, 159, 107
Decimal	10457451
CIE _{Lab}	60.50, -0.75, 22.09
CIE _{LCh}	61, 22.106, 91.941
Yxy	28.6833, 0.3670, 0.3888
Android (android.graphics.Color)	4288647531 (0xFF9F916B)
YUV	144.8540, -18.6620, 12.4060
Hunter-Lab	53.5568, -3.4782, 17.5416

Details

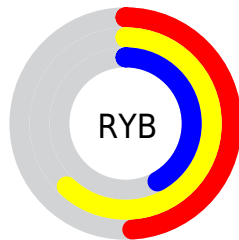
The XYZ color **27.0773, 28.6833, 18.0192** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1585, 19.3031, 35.5169**, and the grayscale version is **26.9225, 28.3246, 30.8455**.

A 20% lighter version of the original color is **54.4130, 57.6462, 41.0598**, and **10.9450, 11.6260, 5.8048** is the 20% darker color. If you saturate the color by 10%, you get **25.6751, 27.0967, 13.7974**, and if you desaturate by 10%, it is **28.6594, 30.3833, 23.0606**.

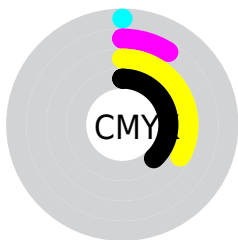
Distribution



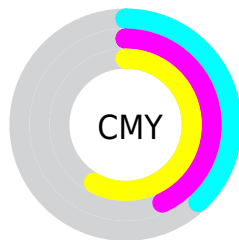
- Red (62%)
- Green (57%)
- Blue (42%)



- Red (49%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (33%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0773, 28.6833, 18.0192 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 27.0773, 28.6833, 18.0192 by changing the saturation by 10% instead.

■ 27.0773, 28.6833,
18.0192

■ 27.0773, 28.6833,
18.0192

280.1919,
295.7177, 253.2190

■ 17.7682, 18.8414,
10.7942

■ 54.4269, 57.5735,
40.8844

■ 10.8824, 11.5557,
5.8162

■ 73.1981, 77.3906,
57.3617

■ 6.0545, 6.4419,
2.6667

■ 95.8540, 101.3016,
77.7602

■ 2.9192, 3.1156,
0.9266

■ 122.7600,
129.6907, 102.4983

■ 1.1112, 1.1924,
0.0000

154.2814,
162.9426, 131.9948

■ 0.0344, 0.0555,
0.0000

190.7837,

■ 0.0000, 0.0000,

201.4414, 166.6680

0.0000

232.6320,
245.5717, 206.9366

■ 27.0773, 28.6833,
18.0192

■ 27.0773, 28.6833,
18.0192

■ 25.6751, 27.0967,
13.7974

■ 28.6594, 30.3833,
23.0606

■ 24.4420, 25.6157,
10.3489

■ 30.4274, 32.1965,
28.9609

■ 23.3691, 24.2374,
7.6254

■ 32.3895, 34.1276,
35.7592

■ 22.4458, 22.9570,
5.5724

■ 34.5527, 36.1798,
43.4914

■ 21.6602, 21.7693,
4.1279

■ 36.9238, 38.3563,
52.1917

■ 20.9978, 20.6682,
3.2178

■ 39.5091, 40.6598,
61.8923

■ 20.5671, 19.9089,
2.7588

■ 42.3148, 43.0934,
72.6242

■ 45.3466, 45.6597,
84.4167

■ 48.6102, 48.3613,
97.2983

Harmonies

Analogous

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



29.9239, 28.6833, 19.3223



27.0773, 28.6833, 18.0192



24.4635, 28.6833, 19.7111

Triad

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



27.0773, 28.6833, 18.0192



22.8694, 28.6833, 40.2974



32.3931, 28.6833, 39.2152

Complementary

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



27.0773, 28.6833, 18.0192



19.1585, 19.3031, 35.5169

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.



30.2675, 28.6833, 46.5418



27.0773, 28.6833, 18.0192



24.7640, 28.6833, 47.2393

Square

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



27.0773, 28.6833, 18.0192



22.1417, 28.6833, 31.7662



27.4488, 28.6833, 49.7009



33.1179, 28.6833, 30.7023

Rectangle

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



27.0773, 28.6833, 18.0192



23.1692, 28.6833, 22.5165



27.4488, 28.6833, 49.7009



31.8118, 28.6833, 41.9463

Sweetspot

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



27.0780, 28.6846, 18.0198



55.3428, 58.5103, 54.7726



23.0523, 19.2851, 20.8336



12.3754, 13.0899, 12.0005



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.



27.0780, 28.6846, 18.0198



46.6937, 49.3499, 26.8016



27.2166, 32.1289, 18.6773



7.0190, 7.4181, 7.0476



16.2802, 15.7961, 2.1909



0.3237, 0.3476, 0.0500

Inverse Universe

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



19.1585, 19.3031, 35.5169



30.3503, 29.9969, 62.9338



19.0234, 16.8892, 35.0581



6.4228, 6.7113, 8.3636



5.6499, 3.3913, 26.2640



0.1331, 0.1247, 0.4803

Previews

White Background



This preview shows how the XYZ color 27.0773, 28.6833, 18.0192 looks on a white background.

Color Contrast Check

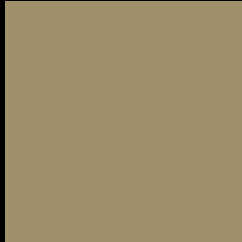
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0773, 28.6833, 18.0192 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 27.0773, 28.6833, 18.0192

Background



This preview shows how black text looks on a background with the XYZ color 27.0773, 28.6833, 18.0192.



This preview shows how white text looks on a background with the XYZ color 27.0773, 28.6833,

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

27.0773, 28.6833, 18.0192

Protanopia

26.8374, 28.7874, 18.0520

Deuteranopia

29.0981, 28.6095, 18.1759



Tritanopia

30.0475, 28.5598, 32.7831

Trichromacy



Original Color

27.0773, 28.6833, 18.0192

Protanomaly

27.0333, 28.8884, 18.0611

Deuteranomaly

28.3161, 28.6442, 18.2238

Tritanomaly

28.7282, 28.4524, 26.5320

Monochromacy



Original Color

27.0773, 28.6833, 18.0192

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7998, 28.3735, 25.5369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0773, 28.6833, 18.0192 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(159, 145, 107)` looks like.

```
.text, #text, p{  
    color:rgb(159, 145, 107)  
}
```

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(159, 145, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 107) }
```

Border

The CSS property to change the border of an element to XYZ 27.0773, 28.6833, 18.0192 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(159, 145, 107) }
```


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

```
.border{ border-color:rgb(159, 145, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 145, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 145, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 145, 107);  
box-shadow:4px 4px 4px 4px rgb(159, 145,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0773, 28.6833, 18.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 145, 107) }
```

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

```
.background{ background-color: rgb(159,  
145, 107) }
```

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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