

Converting Colors

XYZ(27.1553, 27.1962, 17.1828)

Have a look what the booklet for
XYZ(27.1553, 27.1962, 17.1828)
contains.

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Color

**XYZ(27.1553, 27.1962,
17.1828)**

Conversions

Conversions Part 1

Format	Color
Hex	A58A69
RGB	165, 138, 105
RGB Percent	65%, 54%, 41%
CMY	0.3529, 0.4588, 0.5882
CMYK	0.00, 0.16, 0.36, 0.35
HSL	33°, 25%, 53%
HSV	33°, 36%, 65%
XYZ	27.1553, 27.1962, 17.1828
YIQ	142.3110, 26.6850, -4.5390

Conversions

Conversions Part 2

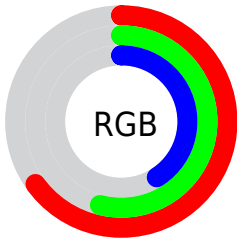
Format	Color
RYB	154, 165, 105
Decimal	10848873
CIELab	59.16, 5.37, 21.50
CIELCh	59, 22.159, 75.984
Yxy	27.1962, 0.3796, 0.3802
Android (android.graphics.Color)	4289038953 (0xFFA58A69)
YUV	142.3110, -18.3943, 19.8983
Hunter-Lab	52.1500, 1.6853, 16.9696

Details

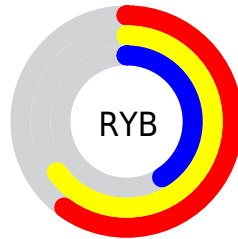
The XYZ color **27.1553, 27.1962, 17.1828** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.8682, 22.2217, 38.7866**, and the grayscale version is **25.8981, 27.2469, 29.6718**.

A 20% lighter version of the original color is **54.4503, 55.0341, 39.2053**, and **10.9103, 10.7196, 5.3649** is the 20% darker color. If you saturate the color by 10%, you get **25.3594, 24.8323, 12.7983**, and if you desaturate by 10%, it is **29.1900, 29.7741, 22.4593**.

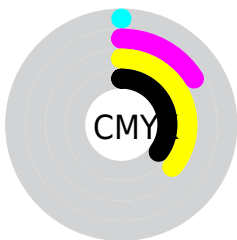
Distribution



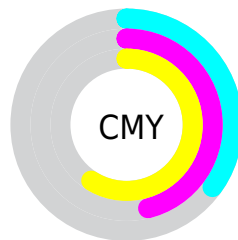
- Red (65%)
- Green (54%)
- Blue (41%)



- Red (60%)
- Yellow (65%)
- Blue (41%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (35%)



- Cyan (35%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1553, 27.1962, 17.1828 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 27.1553, 27.1962, 17.1828 by changing the saturation by 10% instead.

■ 27.1553, 27.1962,
17.1828

■ 27.1553, 27.1962,
17.1828

280.5621,
288.6058, 248.3031

■ 17.8271, 17.7206,
10.2016

■ 54.5511, 55.1985,
39.4348

■ 10.9248, 10.7496,
5.4255

■ 73.3494, 74.4941,
55.5426

■ 6.0832, 5.8987,
2.4359

■ 96.0351, 97.8318,
75.5296

■ 2.9369, 2.7836,
0.8059

■ 122.9736,
125.5960, 99.8146

■ 1.1205, 1.0198,
0.0000

154.5301,
158.1711, 128.8158

■ 0.0422, 0.0000,
0.0000

191.0702,

■ 0.0000, 0.0000,

195.9415, 162.9520

0.0000

232.9591,
239.2916, 202.6416

■ 27.1553, 27.1962,
17.1828

■ 27.1553, 27.1962,
17.1828

■ 25.3594, 24.8323,
12.7983

■ 29.1900, 29.7741,
22.4593

■ 23.7891, 22.6720,
9.2535

■ 31.4716, 32.5685,
28.6729

■ 22.4333, 20.7092,
6.4927

■ 34.0104, 35.5866,
35.8676

■ 21.2784, 18.9361,
4.4531

■ 36.8152, 38.8343,
44.0842

■ 20.3092, 17.3442,
3.0620

■ 39.8946, 42.3170,
53.3609

■ 19.5048, 15.9223,
2.2176

■ 43.2567, 46.0398,
63.7343

■ 19.2376, 15.4406,
1.9664

■ 46.9092, 50.0080,
75.2389

■ 50.8596, 54.2264,
87.9079

■ 55.1149, 58.6997,
101.7731

Harmonies

Analogous

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



29.7131, 27.1962, 19.9754



27.1553, 27.1962, 17.1828



24.4158, 27.1962, 17.2769

Triad

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



27.1553, 27.1962, 17.1828



21.0777, 27.1962, 33.9955



29.8546, 27.1962, 41.4723

Complementary

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



27.1553, 27.1962, 17.1828



20.8682, 22.2217, 38.7866

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.



27.3376, 27.1962, 46.7491



27.1553, 27.1962, 17.1828



22.3357, 27.1962, 41.9358

Square

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



27.1553, 27.1962, 17.1828



21.0366, 27.1962, 26.0830



24.5856, 27.1962, 46.9324



31.3449, 27.1962, 33.4459

Rectangle

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



27.1553, 27.1962, 17.1828



22.8560, 27.1962, 18.9417



24.5856, 27.1962, 46.9324



29.0929, 27.1962, 43.6845

Sweetspot

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



27.1560, 27.1975, 17.1834



58.6517, 61.0671, 57.7775



24.7336, 19.7687, 24.3422



12.6968, 13.2009, 12.2759



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.



27.1560, 27.1975, 17.1834



45.8906, 45.1080, 24.0420



30.9053, 35.6115, 18.6098



7.3815, 7.7015, 7.4776



14.6040, 11.7818, 1.5044



0.3532, 0.3403, 0.0471

Inverse Universe

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



20.8682, 22.2217, 38.7866



32.8857, 34.8218, 68.7403



18.0277, 16.0083, 37.7370



6.9506, 7.3602, 8.9574



7.0511, 5.8816, 27.6934



0.1951, 0.2175, 0.5976

Previews

White Background



This preview shows how the XYZ color 27.1553, 27.1962, 17.1828 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 27.1553, 27.1962, 17.1828 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 27.1553, 27.1962, 17.1828

Background



This preview shows how black text looks on a background with the XYZ color 27.1553, 27.1962, 17.1828.



This preview shows how white text looks on a background with the XYZ color 27.1553, 27.1962,

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

27.1553, 27.1962, 17.1828

Protanopia

25.4637, 27.1798, 17.8141

Deuteranopia

27.6439, 27.2361, 17.1647



Tritanopia

29.7076, 27.1932, 29.6697

Trichromacy



Original Color

27.1553, 27.1962, 17.1828

Protanomaly

26.0310, 27.2585, 17.5251

Deuteranomaly

27.4318, 27.1267, 17.1548

Tritanomaly

28.7749, 27.2378, 24.5097

Monochromacy



Original Color

27.1553, 27.1962, 17.1828

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.0650, 27.1188, 24.6295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1553, 27.1962, 17.1828 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(165, 138, 105)` looks like.

```
.text, #text, p{  
    color:rgb(165, 138, 105)  
}
```

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(165, 138, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 138, 105) }
```

Border

The CSS property to change the border of an element to XYZ 27.1553, 27.1962, 17.1828 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(165, 138, 105) }
```


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

```
.border{ border-color:rgb(165, 138, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 138, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 138, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 138, 105);  
box-shadow:4px 4px 4px 4px rgb(165, 138,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1553, 27.1962, 17.1828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 138, 105) }
```

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

```
.background{ background-color: rgb(165,  
138, 105) }
```

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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