

Converting Colors

XYZ(27.7306, 28.4895, 17.2237)

Have a look what the booklet for
XYZ(27.7306, 28.4895, 17.2237)
contains.

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Color

**XYZ(27.8382, 28.6437,
17.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	A58F68
RGB	165, 143, 104
RGB Percent	65%, 56%, 41%
CMY	0.3529, 0.4392, 0.5922
CMYK	0.00, 0.13, 0.37, 0.35
HSL	38°, 25%, 53%
HSV	38°, 37%, 65%
XYZ	27.8382, 28.6437, 17.1583
YIQ	145.1320, 25.6310, -7.4650

Conversions

Conversions Part 2

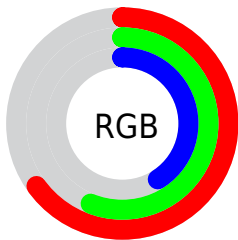
Format	Color
RYB	138, 165, 104
Decimal	10850152
CIELab	60.47, 2.46, 23.81
CIELCh	60, 23.936, 84.110
Yxy	28.6437, 0.3780, 0.3890
Android (android.graphics.Color)	4289040232 (0xFFA58F68)
YUV	145.1320, -20.2781, 17.4242
Hunter-Lab	53.5198, -0.8133, 18.4557

Details

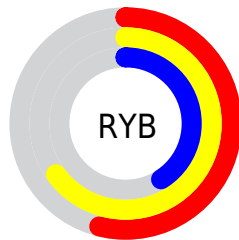
The XYZ color **27.8382, 28.6437, 17.1583** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.9612, 20.5808, 38.5178**, and the grayscale version is **27.0405, 28.4487, 30.9806**.

A 20% lighter version of the original color is **55.7014, 57.6712, 39.2062**, and **11.3103, 11.5590, 5.3764** is the 20% darker color. If you saturate the color by 10%, you get **26.2113, 26.6025, 12.8779**, and if you desaturate by 10%, it is **29.6779, 30.8480, 22.3194**.

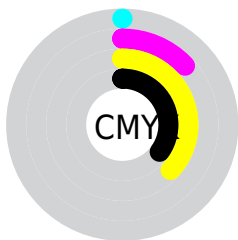
Distribution



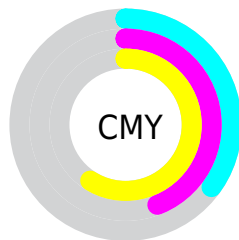
- Red (65%)
- Green (56%)
- Blue (41%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8382, 28.6437, 17.1583 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 27.8382, 28.6437, 17.1583 by changing the saturation by 10% instead.

■ 27.8382, 28.6437,
17.1583

■ 27.8382, 28.6437,
17.1583

283.7871,
295.5301, 248.1577

■ 18.3436, 18.8115,
10.1843

■ 55.6365, 57.5105,
39.3921

■ 11.2981, 11.5341,
5.4141

■ 74.6708, 77.3139,
55.4890

■ 6.3365, 6.4273,
2.4293

■ 97.6158, 101.2097,
75.4639

■ 3.0933, 3.1066,
0.8023

■ 124.8367,
129.5824, 99.7354

■ 1.2033, 1.1876,
0.0000

156.6989,
162.8164, 128.7219

■ 0.1090, 0.0516,
0.0000

193.5678,

■ 0.0000, 0.0000,

201.2961, 162.8422

0.0000

235.8088,
245.4059, 202.5146

■ 27.8382, 28.6437,
17.1583

■ 27.8382, 28.6437,
17.1583

■ 26.2113, 26.6025,
12.8779

■ 29.6779, 30.8480,
22.3194

■ 24.7848, 24.7150,
9.4257

■ 31.7379, 33.2162,
28.4061

■ 23.5480, 22.9768,
6.7460

■ 34.0277, 35.7545,
35.4625

■ 22.4882, 21.3817,
4.7757

■ 36.5557, 38.4672,
43.5292

■ 21.5907, 19.9226,
3.4416

■ 39.3298, 41.3586,
52.6445

■ 20.8340, 18.5894,
2.6337

■ 42.3574, 44.4326,
62.8448

■ 20.6199, 18.2050,
2.4271

■ 45.6459, 47.6932,
74.1645

■ 49.2020, 51.1442,
86.6367

■ 53.0322, 54.7892,
100.2930

Harmonies

Analogous

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



30.8524, 28.6437, 19.3508



27.8382, 28.6437, 17.1583



24.8731, 28.6437, 18.1102

Triad

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



27.8382, 28.6437, 17.1583



22.1618, 28.6437, 38.6548



32.3187, 28.6437, 42.2443

Complementary

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



27.8382, 28.6437, 17.1583



19.9612, 20.5808, 38.5178

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.



29.7206, 28.6437, 49.4053



27.8382, 28.6437, 17.1583



23.8937, 28.6437, 47.0741

Square

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



27.8382, 28.6437, 17.1583



21.7407, 28.6437, 29.4772



26.6208, 28.6437, 51.3215



33.5617, 28.6437, 32.9640

Rectangle

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



27.8382, 28.6437, 17.1583



23.3016, 28.6437, 20.5119



26.6208, 28.6437, 51.3215



31.5658, 28.6437, 45.0444

Sweetspot

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



27.8389, 28.6450, 17.1589



59.1542, 62.0720, 57.9449



24.2572, 19.4161, 22.3325



12.8183, 13.4438, 12.3164



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.



27.8389, 28.6450, 17.1589



47.5418, 48.4103, 24.5924



29.8326, 35.0645, 18.2929



7.4336, 7.8055, 7.4949



15.6477, 13.8693, 1.8523



0.3711, 0.3761, 0.0530

Inverse Universe

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



19.9612, 20.5808, 38.5178



31.4475, 31.9455, 68.2610



18.4413, 16.0711, 37.7274



6.8998, 7.2586, 8.9405



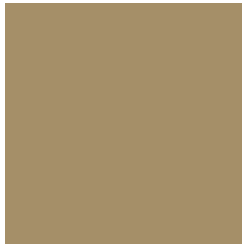
6.3844, 4.5481, 27.4712



0.1778, 0.1829, 0.5918

Previews

White Background



This preview shows how the XYZ color 27.8382, 28.6437, 17.1583 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 27.8382, 28.6437, 17.1583 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 27.8382, 28.6437, 17.1583

Background



This preview shows how black text looks on a background with the XYZ color 27.8382, 28.6437, 17.1583.



This preview shows how white text looks on a background with the XYZ color 27.8382, 28.6437,

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

27.8382, 28.6437, 17.1583

Protanopia

26.7333, 28.7458, 17.5041

Deuteranopia

29.1615, 28.6603, 17.3596



Tritanopia

30.8685, 28.5755, 31.9056

Trichromacy



Original Color

27.8382, 28.6437, 17.1583

Protanomaly

27.1724, 28.7443, 17.4807

Deuteranomaly

28.6522, 28.6157, 17.3779

Tritanomaly

29.5459, 28.4560, 25.7651

Monochromacy



Original Color

27.8382, 28.6437, 17.1583

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9514, 28.2336, 25.1482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8382, 28.6437, 17.1583 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, 143, 104)` looks like.

```
.text, #text, p{  
    color:rgb(165, 143, 104)  
}
```

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, 143, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 143, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.8382, 28.6437, 17.1583 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, 143, 104) }
```


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

```
.border{ border-color:rgb(165, 143, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 143, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 143, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 143, 104);  
box-shadow:4px 4px 4px 4px rgb(165, 143,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8382, 28.6437, 17.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 143, 104) }
```

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

```
.background{ background-color: rgb(165,  
143, 104) }
```

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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