

Converting Colors

XYZ(27.7904, 28.5300, 21.1817)

Have a look what the booklet for
XYZ(27.7904, 28.5300, 21.1817)
contains.

XYZ(27.7904, 28.5300, 21.1817)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.7904, 28.5300,
21.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	A18F76
RGB	161, 143, 118
RGB Percent	63%, 56%, 46%
CMY	0.3686, 0.4392, 0.5372
CMYK	0.00, 0.11, 0.27, 0.37
HSL	35°, 19%, 55%
HSV	35°, 27%, 63%
XYZ	27.7904, 28.5300, 21.1817
YIQ	145.5320, 18.7530, -3.9590

Conversions

Conversions Part 2

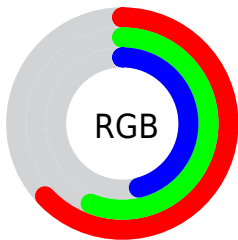
Format	Color
R_{YB}	149, 161, 118
Decimal	10588022
CIE _{Lab}	60.36, 2.70, 15.78
CIE _{LCh}	60, 16.007, 80.279
Yxy	28.5300, 0.3586, 0.3681
Android (android.graphics.Color)	4288778102 (0xFFA18F76)
YUV	145.5320, -13.5733, 13.5654
Hunter-Lab	53.4135, -0.6022, 13.8773

Details

The XYZ color **27.7904, 28.5300, 21.1817** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.7082, 24.0324, 37.1601**, and the grayscale version is **27.1791, 28.5946, 31.1395**.

A 20% lighter version of the original color is **55.5409, 57.4337, 46.1887**, and **11.3265, 11.5221, 7.4214** is the 20% darker color. If you saturate the color by 10%, you get **25.9330, 26.2178, 16.2384**, and if you desaturate by 10%, it is **29.8734, 31.0317, 27.0066**.

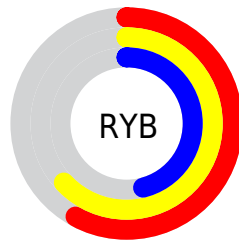
Distribution



Red (63%)

Green (56%)

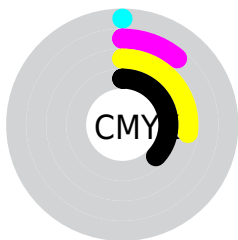
Blue (46%)



Red (58%)

Yellow (63%)

Blue (46%)

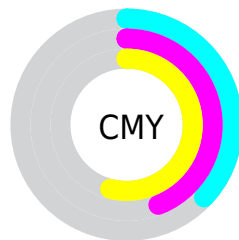


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7904, 28.5300, 21.1817 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 27.7904, 28.5300, 21.1817 by changing the saturation by 10% instead.

■ 27.7904, 28.5300,
21.1817

■ 27.7904, 28.5300,
21.1817

283.5623,
294.9909, 271.0553

■ 18.3074, 18.7256,
13.0643

■ 55.5606, 57.3295,
46.2744

■ 11.2719, 11.4721,
7.3416

■ 74.5785, 77.0934,
64.0869

■ 6.3187, 6.3854,
3.5950

■ 97.5054, 100.9458,
85.9682

■ 3.0823, 3.0808,
1.4059

124.7067,
129.2713, 112.3368

■ 1.1974, 1.1741,
0.1463

156.5476,
162.4541, 143.6112

■ 0.1043, 0.0404,
0.0000

193.3936,

■ 0.0000, 0.0000,

200.8787, 180.2101

0.0000

235.6101,
244.9295, 222.5519

■ 27.7904, 28.5300,
21.1817

■ 27.7904, 28.5300,
21.1817

■ 25.9330, 26.2178,
16.2384

■ 29.8734, 31.0317,
27.0066

■ 24.2896, 24.0857,
12.1310

■ 32.1885, 33.7241,
33.7521

■ 22.8509, 22.1293,
8.8120

■ 34.7447, 36.6135,
41.4574

■ 21.6058, 20.3423,
6.2288

■ 37.5497, 39.7044,
50.1584

■ 20.5419, 18.7181,
4.3221

■ 40.6109, 43.0015,
59.8895

■ 19.6452, 17.2489,
3.0231

■ 43.9355, 46.5089,
70.6832

■ 18.8950, 15.9247,
2.2301

■ 47.5302, 50.2310,
82.5708

■ 18.6668, 15.5147,
2.0108

■ 51.4016, 54.1717,
95.5821

■ 54.2572, 57.8156,
102.9076

Harmonies

Analogous

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



29.7244, 28.5300, 23.1392



27.7904, 28.5300, 21.1817



25.7687, 28.5300, 21.6025

Triad

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



27.7904, 28.5300, 21.1817



23.5727, 28.5300, 35.1590



30.2751, 28.5300, 38.8819

Complementary

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



27.7904, 28.5300, 21.1817



22.7082, 24.0324, 37.1601

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.



28.5113, 28.5300, 42.9501



27.7904, 28.5300, 21.1817



24.6665, 28.5300, 40.6193

Square

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



27.7904, 28.5300, 21.1817



23.4015, 28.5300, 29.1902



26.4544, 28.5300, 43.6233



31.2061, 28.5300, 33.0169

Rectangle

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



27.7904, 28.5300, 21.1817



24.6388, 28.5300, 23.1975



26.4544, 28.5300, 43.6233



29.7558, 28.5300, 40.5346

Sweetspot

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



27.7911, 28.5313, 21.1823



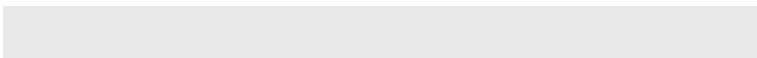
57.0223, 59.6797, 58.5995



25.6657, 22.3299, 26.4869



12.3715, 12.9338, 12.4565



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.



27.7911, 28.5313, 21.1823



47.7628, 48.6153, 32.5316



30.1418, 34.0805, 22.1295



7.3998, 7.7379, 7.4836



14.9495, 12.4729, 1.6196



0.3593, 0.3525, 0.0491

Inverse Universe

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



22.7082, 24.0324, 37.1601



37.1194, 39.1974, 65.9960



20.7783, 19.5858, 36.4036



6.9327, 7.3243, 8.9514



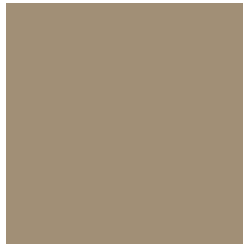
6.7977, 5.3747, 27.6089



0.1890, 0.2054, 0.5955

Previews

White Background



This preview shows how the XYZ color 27.7904, 28.5300, 21.1817 looks on a white background.

Color Contrast Check

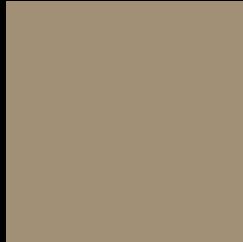
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7904, 28.5300, 21.1817 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 27.7904, 28.5300, 21.1817

Background



This preview shows how black text looks on a background with the XYZ color 27.7904, 28.5300, 21.1817.



This preview shows how white text looks on a background with the XYZ color 27.7904, 28.5300,

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

27.7904, 28.5300, 21.1817

Protanopia

26.7816, 28.4527, 21.5331

Deuteranopia

29.0700, 28.5231, 21.4261



Tritanopia

30.1745, 28.6345, 32.3704

Trichromacy



Original Color

27.7904, 28.5300, 21.1817

Protanomaly

27.2077, 28.4465, 21.5095

Deuteranomaly

28.5805, 28.4887, 21.4453

Tritanomaly

29.2754, 28.4837, 27.9997

Monochromacy



Original Color

27.7904, 28.5300, 21.1817

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3318, 28.6077, 27.3738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7904, 28.5300, 21.1817 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, 143, 118)` looks like.

```
.text, #text, p{  
    color:rgb(161, 143, 118)  
}
```

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, 143, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 143, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.7904, 28.5300, 21.1817 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, 143, 118) }
```


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

```
.border{ border-color:rgb(161, 143, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 143, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 143, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 143, 118);  
box-shadow:4px 4px 4px 4px rgb(161, 143,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7904, 28.5300, 21.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 143, 118) }
```

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

```
.background{ background-color: rgb(161,  
143, 118) }
```

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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