

Converting Colors

XYZ(28.2062, 25.9319, 19.3972)

Have a look what the booklet for
XYZ(28.2062, 25.9319, 19.3972)
contains.

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Color

**XYZ(28.1211, 25.7997,
19.4173)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8172
RGB	173, 129, 114
RGB Percent	68%, 51%, 45%
CMY	0.3216, 0.4941, 0.5529
CMYK	0.00, 0.25, 0.34, 0.32
HSL	15°, 26%, 56%
HSV	15°, 34%, 68%
XYZ	28.1211, 25.7997, 19.4173
YIQ	140.4460, 31.0390, 4.6630

Conversions

Conversions Part 2

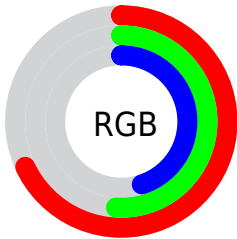
Format	Color
R_{YB}	173, 134, 114
Decimal	11370866
CIE _{Lab}	57.85, 14.87, 14.75
CIE _{LCh}	58, 20.941, 44.766
Yxy	25.7997, 0.3834, 0.3518
Android (android.graphics.Color)	4289560946 (0xFFAD8172)
YUV	140.4460, -13.0379, 28.5499
Hunter-Lab	50.7934, 9.9357, 12.8900

Details

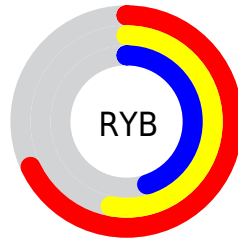
The XYZ color **28.1211, 25.7997, 19.4173** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7086, 31.0471, 44.1201**, and the grayscale version is **25.1422, 26.4516, 28.8058**.

A 20% lighter version of the original color is **56.2440, 53.0321, 43.3482**, and **11.4598, 10.0526, 6.4906** is the 20% darker color. If you saturate the color by 10%, you get **25.6347, 22.2565, 14.1812**, and if you desaturate by 10%, it is **31.0097, 29.8489, 25.7069**.

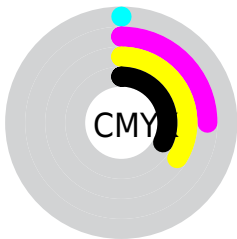
Distribution



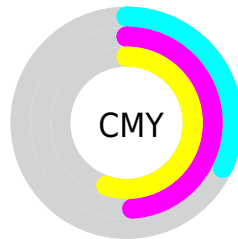
- Red (68%)
- Green (51%)
- Blue (45%)



- Red (68%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (32%)





- Cyan (32%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1211, 25.7997, 19.4173 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 28.1211, 25.7997, 19.4173 by changing the saturation by 10% instead.


 28.1211, 25.7997,
19.4173


 28.1211, 25.7997,
19.4173


285.1147,
281.7974, 261.2420


 18.5579, 16.6739,
11.7923


 56.0850, 52.9516,
43.2841


 11.4534, 10.0022,
6.4816


 75.2164, 71.7465,
60.3630

 6.4422, 5.4004,
3.0666


 98.2680, 94.5332,
81.4304

 3.1590, 2.4841,
1.1287

 125.6050,
121.6961, 106.9046

 1.2384, 0.8686,
0.0000

157.5928,
153.6195, 137.2044

 0.1363, 0.0000,
0.0000

194.5968,

 0.0000, 0.0000,

190.6880, 172.7482

0.0000

236.9823,
233.2858, 213.9545

■ 28.1211, 25.7997,
19.4173

■ 28.1211, 25.7997,
19.4173

■ 25.6347, 22.2565,
14.1812

■ 31.0097, 29.8489,
25.7069

■ 23.5300, 19.1957,
9.9389

■ 34.3156, 34.4195,
33.1021

■ 21.7876, 16.5967,
6.6271

■ 38.0559, 39.5307,
41.6533

■ 20.3855, 14.4364,
4.1747

■ 42.2458, 45.1996,
51.4074

■ 19.2991, 12.6894,
2.4997

■ 46.8999, 51.4425,
62.4086

■ 18.4997, 11.3271,
1.5042

■ 52.0321, 58.2751,
74.6991

■ 18.1340, 10.6852,
1.1067

■ 57.6557, 65.7124,
88.3188

■ 63.7834, 73.7690,
103.3061

■ 67.9691, 81.4754,
106.7517

Harmonies

Analogous

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



29.5059, 25.7997, 24.7047



28.1211, 25.7997, 19.4173



25.8157, 25.7997, 16.7276

Triad

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



28.1211, 25.7997, 19.4173



20.1422, 25.7997, 24.6045



25.7762, 25.7997, 43.7395

Complementary

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



28.1211, 25.7997, 19.4173



26.7086, 31.0471, 44.1201

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.



23.2720, 25.7997, 43.7001



28.1211, 25.7997, 19.4173



20.1332, 25.7997, 31.7744

Square

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



28.1211, 25.7997, 19.4173



21.2690, 25.7997, 19.3548



21.2436, 25.7997, 39.0268



28.0905, 25.7997, 39.1266

Rectangle

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



28.1211, 25.7997, 19.4173



24.1219, 25.7997, 16.4187



21.2436, 25.7997, 39.0268



24.9262, 25.7997, 44.2923

Sweetspot

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



28.1218, 25.8009, 19.4178



63.9952, 65.1230, 65.0494



29.4441, 23.3964, 35.4249



13.7142, 13.8879, 13.6961



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1218, 25.8009, 19.4178



46.9104, 41.2956, 27.4705



32.5405, 34.6383, 20.8907



8.1646, 8.3341, 8.3917



13.3621, 7.9297, 0.8263



0.4156, 0.3083, 0.0376

Inverse Universe

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



26.7086, 31.0471, 44.1201



43.9740, 52.1158, 78.5474



22.2999, 22.2296, 42.6505



8.0613, 8.7220, 10.2113



11.3565, 13.8469, 31.1187



0.3564, 0.4661, 0.8792

Previews

White Background



This preview shows how the XYZ color 28.1211, 25.7997, 19.4173 looks on a white background.

Color Contrast Check

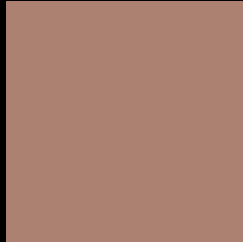
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1211, 25.7997, 19.4173 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 28.1211, 25.7997, 19.4173

Background



This preview shows how black text looks on a background with the XYZ color 28.1211, 25.7997, 19.4173.



This preview shows how white text looks on a background with the XYZ color 28.1211, 25.7997,

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

28.1211, 25.7997, 19.4173

Protanopia

24.4165, 25.9081, 21.1666

Deuteranopia

26.4060, 25.9238, 19.2348



Tritanopia

29.5840, 25.8132, 26.7158

Trichromacy



Original Color

28.1211, 25.7997, 19.4173

Protanomaly

25.5852, 25.6802, 20.4379

Deuteranomaly

26.9578, 25.8018, 19.1822

Tritanomaly

28.9412, 25.7359, 23.8642

Monochromacy



Original Color

28.1211, 25.7997, 19.4173

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8498, 25.9224, 25.1138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1211, 25.7997, 19.4173 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(173, 129, 114)` looks like.

```
.text, #text, p{  
    color:rgb(173, 129, 114)  
}
```

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(173, 129, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 129, 114) }
```

Border

The CSS property to change the border of an element to XYZ 28.1211, 25.7997, 19.4173 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(173, 129, 114) }
```


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

```
.border{ border-color:rgb(173, 129, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 129, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 129, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 129, 114);  
box-shadow:4px 4px 4px 4px rgb(173, 129,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1211, 25.7997, 19.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 129, 114) }
```

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

```
.background{ background-color: rgb(173,  
129, 114) }
```

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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