

Converting Colors

XYZ(27.6375, 27.1906, 20.0548)

Have a look what the booklet for
XYZ(27.6375, 27.1906, 20.0548)
contains.

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Color

**XYZ(27.5572, 27.1285,
20.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	A58973
RGB	165, 137, 115
RGB Percent	65%, 54%, 45%
CMY	0.3529, 0.4627, 0.5490
CMYK	0.00, 0.17, 0.30, 0.35
HSL	26°, 22%, 55%
HSV	26°, 30%, 65%
XYZ	27.5572, 27.1285, 20.0035
YIQ	142.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

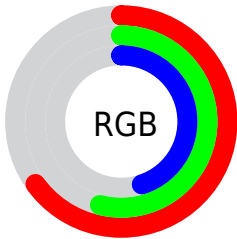
Format	Color
R_{YB}	165, 154, 115
Decimal	10848627
CIE _{Lab}	59.09, 7.25, 15.77
CIE _{LCh}	59, 17.362, 65.309
Yxy	27.1285, 0.3690, 0.3632
Android (android.graphics.Color)	4289038707 (0xFFA58973)
YUV	142.8640, -13.7370, 19.4133
Hunter-Lab	52.0850, 3.2922, 13.6889

Details

The XYZ color **27.5572, 27.1285, 20.0035** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **23.6838, 26.0054, 39.3686**, and the grayscale version is **26.1012, 27.4605, 29.9045**.

A 20% lighter version of the original color is **55.2073, 54.9891, 44.2634**, and **11.1034, 10.6664, 6.7838** is the 20% darker color. If you saturate the color by 10%, you get **25.4340, 24.2680, 15.0234**, and if you desaturate by 10%, it is **29.9642, 30.2845, 25.9174**.

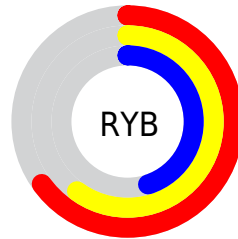
Distribution



Red (65%)

Green (54%)

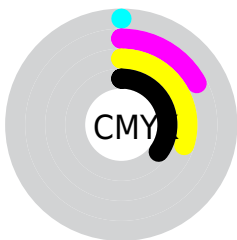
Blue (45%)



Red (65%)

Yellow (60%)

Blue (45%)

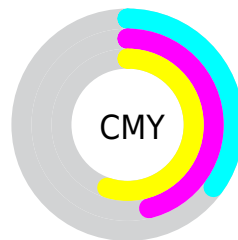


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5572, 27.1285, 20.0035 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 27.5572, 27.1285, 20.0035 by changing the saturation by 10% instead.

■ 27.5572, 27.1285,
20.0035

■ 27.5572, 27.1285,
20.0035

282.4636,
288.2788, 264.5389

■ 18.1309, 17.6698,
12.2135

■ 55.1903, 55.0900,
44.2821

■ 11.1443, 10.7131,
6.7649

■ 74.1278, 74.3615,
61.6078

■ 6.2320, 5.8743,
3.2393

■ 96.9664, 97.6728,
82.9491

■ 3.0286, 2.7688,
1.2181

124.0715,
125.4082, 108.7245

■ 1.1689, 1.0123,
0.0000

155.8084,
157.9521, 139.3527

■ 0.0816, 0.0000,
0.0000

192.5425,

■ 0.0000, 0.0000,

195.6889, 175.2521

0.0000

234.6391,
239.0030, 216.8414

■ 27.5572, 27.1285,
20.0035

■ 27.5572, 27.1285,
20.0035

■ 25.4340, 24.2680,
15.0234

■ 29.9642, 30.2845,
25.9174

■ 23.5808, 21.6899,
10.9266

■ 32.6641, 33.7409,
32.8084

■ 21.9852, 19.3857,
7.6605

■ 35.6680, 37.5074,
40.7194

■ 20.6334, 17.3450,
5.1663

■ 38.9858, 41.5919,
49.6898

■ 19.5096, 15.5563,
3.3769

■ 42.6269, 46.0022,
59.7574

■ 18.5957, 14.0070,
2.2138

■ 46.6004, 50.7457,
70.9578

■ 17.8742, 12.7137,
1.5119

■ 50.9149, 55.8295,
83.3250

■ 55.5786, 61.2606,
96.8916

■ 59.2003, 66.4859,
104.3206

Harmonies

Analogous

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



29.3212, 27.1285, 23.1885



27.5572, 27.1285, 20.0035



25.4028, 27.1285, 19.2156

Triad

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



27.5572, 27.1285, 20.0035



21.8701, 27.1285, 30.6516



28.2582, 27.1285, 40.3355

Complementary

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



27.5572, 27.1285, 20.0035



23.6838, 26.0054, 39.3686

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.



26.1707, 27.1285, 43.0209



27.5572, 27.1285, 20.0035



22.5449, 27.1285, 36.9529

Square

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



27.5572, 27.1285, 20.0035



22.1956, 27.1285, 24.8473



24.0901, 27.1285, 41.7041



29.7415, 27.1285, 34.7855

Rectangle

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



27.5572, 27.1285, 20.0035



24.0513, 27.1285, 20.0453



24.0901, 27.1285, 41.7041



27.5997, 27.1285, 41.6359

Sweetspot

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



27.5579, 27.1298, 20.0041



59.0834, 61.1667, 60.2759



26.6311, 22.2543, 29.0112



12.7612, 13.1753, 12.7732



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.



27.5579, 27.1298, 20.0041



46.8790, 45.2696, 29.9671



31.4733, 34.9605, 21.3092



7.3183, 7.5750, 7.4565



13.5703, 9.7145, 1.1599



0.3319, 0.2977, 0.0400

Inverse Universe

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



23.6838, 26.0054, 39.3686



38.8689, 42.9405, 69.9921



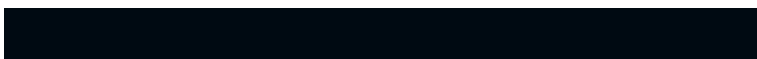
20.3798, 19.3972, 38.2672



7.0139, 7.4869, 8.9785



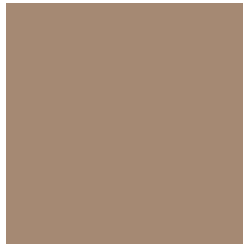
8.1090, 7.9973, 28.0460



0.2164, 0.2601, 0.6047

Previews

White Background



This preview shows how the XYZ color 27.5572, 27.1285, 20.0035 looks on a white background.

Color Contrast Check

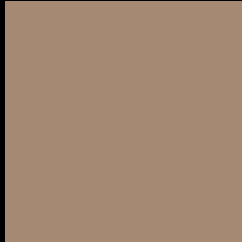
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5572, 27.1285, 20.0035 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 27.5572, 27.1285, 20.0035

Background



This preview shows how black text looks on a background with the XYZ color 27.5572, 27.1285, 20.0035.



This preview shows how white text looks on a background with the XYZ color 27.5572, 27.1285,

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

27.5572, 27.1285, 20.0035

Protanopia

25.6464, 27.2097, 20.7299

Deuteranopia

27.7661, 27.2361, 20.0133



Tritanopia

29.4939, 27.0831, 29.6597

Trichromacy



Original Color

27.5572, 27.1285, 20.0035

Protanomaly

26.2408, 27.0850, 20.3679

Deuteranomaly

27.7661, 27.2361, 20.0133

Tritanomaly

28.6951, 26.9591, 25.8815

Monochromacy



Original Color

27.5572, 27.1285, 20.0035

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5210, 27.3225, 26.0663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5572, 27.1285, 20.0035 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, 137, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 137, 115)  
}
```

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, 137, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 137, 115) }
```

Border

The CSS property to change the border of an element to XYZ 27.5572, 27.1285, 20.0035 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, 137, 115) }
```


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

```
.border{ border-color:rgb(165, 137, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 137, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 137, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 137, 115);  
box-shadow:4px 4px 4px 4px rgb(165, 137,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5572, 27.1285, 20.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 137, 115) }
```

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

```
.background{ background-color: rgb(165,  
137, 115) }
```

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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