

Converting Colors

XYZ(27.9466, 28.1664, 15.2245)

Have a look what the booklet for
XYZ(27.9466, 28.1664, 15.2245)
contains.

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Color

**XYZ(27.8979, 28.0543,
15.2539)**

Conversions

Conversions Part 1

Format	Color
Hex	A98C61
RGB	169, 140, 97
RGB Percent	66%, 55%, 38%
CMY	0.3373, 0.4510, 0.6196
CMYK	0.00, 0.17, 0.43, 0.34
HSL	36°, 30%, 52%
HSV	36°, 43%, 66%
XYZ	27.8979, 28.0543, 15.2539
YIQ	143.7690, 31.0870, -7.2250

Conversions

Conversions Part 2

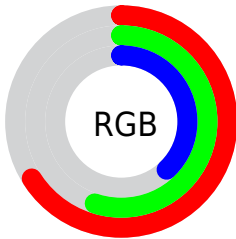
Format	Color
R_{YB}	146, 169, 97
Decimal	11111521
CIE _{Lab}	59.94, 4.97, 27.05
CIE _{LCh}	60, 27.507, 79.591
Yxy	28.0543, 0.3918, 0.3940
Android (android.graphics.Color)	4289301601 (0xFFA98C61)
YUV	143.7690, -23.0571, 22.1276
Hunter-Lab	52.9663, 1.3267, 20.0013

Details

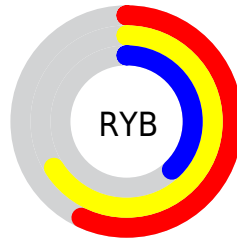
The XYZ color **27.8979, 28.0543, 15.2539** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.5517, 20.3267, 40.4288**, and the grayscale version is **26.4980, 27.8779, 30.3591**.

A 20% lighter version of the original color is **55.4666, 56.2856, 35.9578**, and **11.3021, 11.1875, 4.5813** is the 20% darker color. If you saturate the color by 10%, you get **26.2286, 25.8452, 11.2153**, and if you desaturate by 10%, it is **29.7980, 30.4562, 20.1983**.

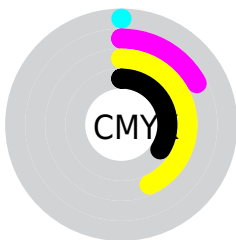
Distribution



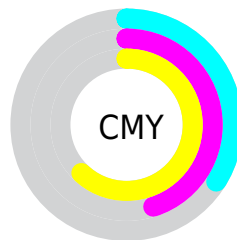
- Red (66%)
- Green (55%)
- Blue (38%)



- Red (57%)
- Yellow (66%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (43%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8979, 28.0543, 15.2539 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 27.8979, 28.0543, 15.2539 by changing the saturation by 10% instead.


 27.8979, 28.0543,
15.2539


 27.8979, 28.0543,
15.2539


284.0677,
292.7263, 236.5914


 18.3888, 18.3666,
8.8492


 55.7312, 56.5711,
36.0466


 11.3308, 11.2135,
4.5475


 74.7860, 76.1690,
51.2716

 6.3587, 6.2106,
1.9302


 97.7535, 99.8391,
70.2738

 3.1071, 2.9736,
0.5119

 124.9990,
127.9658, 93.4717

 1.2107, 1.1180,
0.0000

156.8878,
160.9335, 121.2839

 0.1148, 0.0000,
0.0000

193.7852,

 0.0000, 0.0000,

199.1265, 154.1289

0.0000

236.0567,
242.9293, 192.4252

■ 27.8979, 28.0543,
15.2539

■ 27.8979, 28.0543,
15.2539

■ 26.2286, 25.8452,
11.2153

■ 29.7980, 30.4562,
20.1983

■ 24.7761, 23.8185,
8.0238

■ 31.9378, 33.0531,
26.0988

■ 23.5281, 21.9685,
5.6163

■ 34.3279, 35.8519,
33.0040

■ 22.4696, 20.2872,
3.9201

■ 36.9779, 38.8582,
40.9587

■ 21.5831, 18.7658,
2.8487

■ 39.8967, 42.0771,
50.0051

■ 21.0100, 17.7308,
2.3150

■ 43.0928, 45.5134,
60.1827

■ 46.5742, 49.1721,
71.5294

■ 50.3486, 53.0576,
84.0812

■ 54.4235, 57.1743,
97.8725

Harmonies

Analogous

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



31.2642, 28.0543, 18.1069



27.8979, 28.0543, 15.2539



24.4737, 28.0543, 15.7615

Triad

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



27.8979, 28.0543, 15.2539



20.8197, 28.0543, 37.4672



32.1180, 28.0543, 44.8036

Complementary

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



27.8979, 28.0543, 15.2539



19.5517, 20.3267, 40.4288

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.



28.9829, 28.0543, 52.5113



27.8979, 28.0543, 15.2539



22.5401, 28.0543, 47.6761

Square

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



27.8979, 28.0543, 15.2539



20.5844, 28.0543, 27.1982



25.4685, 28.0543, 53.6643



33.8381, 28.0543, 34.1586

Rectangle

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



27.8979, 28.0543, 15.2539



22.6059, 28.0543, 17.9824



25.4685, 28.0543, 53.6643



31.1825, 28.0543, 47.9143

Sweetspot

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



27.8986, 28.0556, 15.2545



61.1965, 63.8826, 58.2749



24.4677, 18.5169, 22.3634



13.1324, 13.6852, 12.0989



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.8986, 28.0556, 15.2545



47.1679, 46.5501, 20.5354



31.4498, 37.0253, 16.7986



7.8896, 8.2593, 7.9676



15.7122, 13.3217, 1.7432



0.4304, 0.4204, 0.0585

Inverse Universe

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



19.5517, 20.3267, 40.4288



30.2534, 30.9029, 71.5954



17.0299, 14.2978, 39.3981



7.3705, 7.7780, 9.5312



6.9304, 5.3209, 28.6373



0.2190, 0.2303, 0.7136

Previews

White Background



This preview shows how the XYZ color 27.8979, 28.0543, 15.2539 looks on a white background.

Color Contrast Check

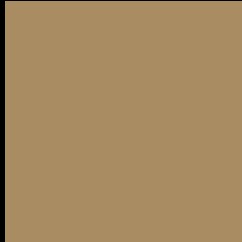
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8979, 28.0543, 15.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

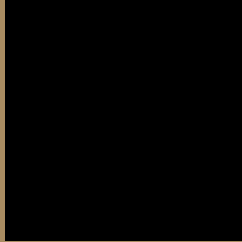
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8979, 28.0543, 15.2539

Background



This preview shows how black text looks on a background with the XYZ color 27.8979, 28.0543, 15.2539.



This preview shows how white text looks on a background with the XYZ color 27.8979, 28.0543,

15.2539.

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

27.8979, 28.0543, 15.2539

Protanopia

26.0878, 28.2196, 15.8763

Deuteranopia

28.4797, 27.9243, 15.1981



Tritanopia

31.0147, 28.0625, 30.1675

Trichromacy



Original Color

27.8979, 28.0543, 15.2539

Protanomaly

26.7250, 28.1038, 15.5713

Deuteranomaly

28.4035, 28.0990, 15.2359

Tritanomaly

29.6482, 27.9113, 23.9035

Monochromacy



Original Color

27.8979, 28.0543, 15.2539

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7901, 27.9495, 24.0615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8979, 28.0543, 15.2539 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(169, 140, 97)` looks like.

```
.text, #text, p{  
    color:rgb(169, 140, 97)  
}
```

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(169, 140, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 140, 97) }
```

Border

The CSS property to change the border of an element to XYZ 27.8979, 28.0543, 15.2539 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(169, 140, 97) }
```


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

```
.border{ border-color:rgb(169, 140, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 140, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 140, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 140, 97);  
box-shadow:4px 4px 4px 4px rgb(169, 140,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8979, 28.0543, 15.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 140, 97) }
```

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

```
.background{ background-color: rgb(169,  
140, 97) }
```

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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