

Converting Colors

XYZ(28.6590, 28.2830, 19.2809)

Have a look what the booklet for
XYZ(28.6590, 28.2830, 19.2809)
contains.

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Color

**XYZ(28.6649, 28.3610,
19.2927)**

Conversions

Conversions Part 1

Format	Color
Hex	A98C70
RGB	169, 140, 112
RGB Percent	66%, 55%, 44%
CMY	0.3373, 0.4510, 0.5608
CMYK	0.00, 0.17, 0.34, 0.34
HSL	29°, 25%, 55%
HSV	29°, 34%, 66%
XYZ	28.6649, 28.3610, 19.2927
YIQ	145.4790, 26.2720, -2.5600

Conversions

Conversions Part 2

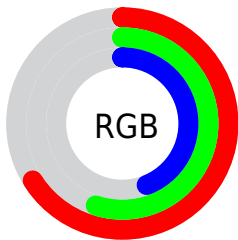
Format	Color
R_{YB}	169, 167, 112
Decimal	11111536
CIE _{Lab}	60.21, 6.80, 19.07
CIE _{LCh}	60, 20.245, 70.377
Yxy	28.3610, 0.3756, 0.3716
Android (android.graphics.Color)	4289301616 (0xFFA98C70)
YUV	145.4790, -16.5051, 20.6279
Hunter-Lab	53.2550, 2.8825, 15.7996

Details

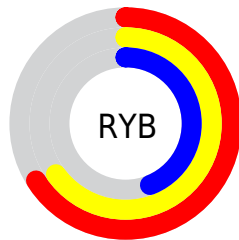
The XYZ color **28.6649, 28.3610, 19.2927** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.3682, 25.3584, 41.1992**, and the grayscale version is **27.1669, 28.5817, 31.1255**.

A 20% lighter version of the original color is **57.0440, 57.2715, 43.1699**, and **11.7840, 11.3955, 6.4290** is the 20% darker color. If you saturate the color by 10%, you get **26.6035, 25.6052, 14.3908**, and if you desaturate by 10%, it is **31.0026, 31.3864, 25.1587**.

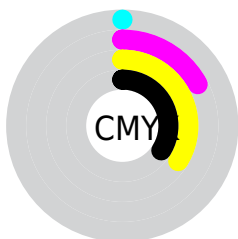
Distribution



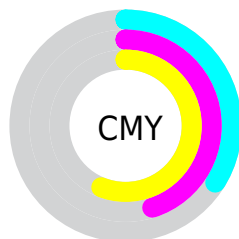
- Red (66%)
- Green (55%)
- Blue (44%)



- Red (66%)
- Yellow (65%)
- Blue (44%)



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



- Cyan (34%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6649, 28.3610, 19.2927 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 28.6649, 28.3610, 19.2927 by changing the saturation by 10% instead.

■ 28.6649, 28.3610,
19.2927

■ 28.6649, 28.3610,
19.2927

287.6534,
294.1879, 260.5363

■ 18.9705, 18.5980,
11.7030

■ 56.9455, 57.0603,
43.0714

■ 11.7528, 11.3801,
6.4217

■ 76.2624, 76.7653,
60.0975

■ 6.6466, 6.3231,
3.0303

■ 99.5175, 100.5531,
81.1061

■ 3.2864, 3.0425,
1.1101

■ 127.0761,
128.8081, 106.5158

■ 1.3070, 1.1540,
0.0000

159.3037,
161.9147, 136.7451

■ 0.1884, 0.0236,
0.0000

196.5655,

■ 0.0000, 0.0000,

200.2573, 172.2126

0.0000

239.2270,
244.2202, 213.3368

■ 28.6649, 28.3610,
19.2927

■ 28.6649, 28.3610,
19.2927

■ 26.6035, 25.6052,
14.3908

■ 31.0026, 31.3864,
25.1587

■ 24.8040, 23.1067,
10.3984

■ 33.6257, 34.6854,
32.0359

■ 23.2540, 20.8578,
7.2579


■ 36.5455, 38.2670,
39.9704


■ 21.9389, 18.8489,
4.9045


■ 39.7720, 42.1384,
49.0048


■ 20.8423, 17.0692,
3.2638


■ 43.3147, 46.3065,
59.1794


 19.9447, 15.5070,
2.2466

 47.1827, 50.7780,
70.5327

 19.4576, 14.6258,
1.7975

 51.3847, 55.5594,
83.1009

 55.9289, 60.6570,
96.9190

 59.3230, 65.4765,
104.1193

Harmonies

Analogous

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



30.9340, 28.3610, 22.5261



28.6649, 28.3610, 19.2927



26.0685, 28.3610, 18.8607

Triad

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



28.6649, 28.3610, 19.2927



22.3451, 28.3610, 33.5232



30.3155, 28.3610, 43.0799

Complementary

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



28.6649, 28.3610, 19.2927



23.3682, 25.3584, 41.1992

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.



27.8640, 28.3610, 47.1554



28.6649, 28.3610, 19.2927



23.3351, 28.3610, 41.0803

Square

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



28.6649, 28.3610, 19.2927



22.5291, 28.3610, 26.3306



25.3169, 28.3610, 46.3701



31.9284, 28.3610, 35.9261

Rectangle

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



28.6649, 28.3610, 19.2927



24.5138, 28.3610, 20.1307



25.3169, 28.3610, 46.3701



29.5559, 28.3610, 44.9034

Sweetspot

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



28.6656, 28.3623, 19.2933



62.0153, 64.3368, 62.1956



26.9979, 21.9602, 28.1913



13.3669, 13.8380, 13.1520



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.



28.6656, 28.3623, 19.2933



48.7069, 47.2950, 28.2411



33.2988, 37.6287, 20.8377



7.8240, 8.1281, 7.9458



14.5550, 11.0073, 1.3575



0.4055, 0.3705, 0.0501

Inverse Universe

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



23.3682, 25.3584, 41.1992



37.8413, 41.1328, 73.1701



19.7434, 18.1088, 39.9910



7.4354, 7.9078, 9.5528



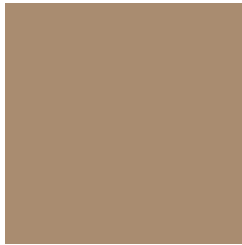
7.8697, 7.1995, 28.9504



0.2425, 0.2773, 0.7214

Previews

White Background



This preview shows how the XYZ color 28.6649, 28.3610, 19.2927 looks on a white background.

Color Contrast Check

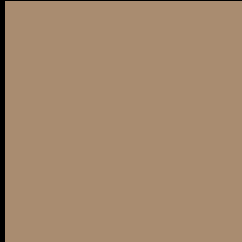
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6649, 28.3610, 19.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

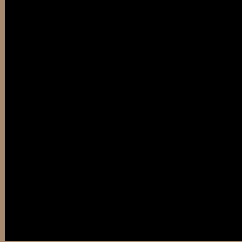
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6649, 28.3610, 19.2927

Background



This preview shows how black text looks on a background with the XYZ color 28.6649, 28.3610, 19.2927.



This preview shows how white text looks on a background with the XYZ color 28.6649, 28.3610,

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

28.6649, 28.3610, 19.2927

Protanopia

26.6802, 28.4343, 20.0018

Deuteranopia

28.7348, 28.1811, 19.2542



Tritanopia

31.0859, 28.2875, 31.0158

Trichromacy



Original Color

28.6649, 28.3610, 19.2927

Protanomaly

27.3003, 28.3108, 19.6484

Deuteranomaly

28.7348, 28.1811, 19.2542

Tritanomaly

30.2620, 28.3832, 26.4378

Monochromacy



Original Color

28.6649, 28.3610, 19.2927

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3825, 28.2084, 26.1919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6649, 28.3610, 19.2927 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(169, 140, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 140, 112) }
```

Border

The CSS property to change the border of an element to XYZ 28.6649, 28.3610, 19.2927 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, 112) }
```


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

```
.border{ border-color:rgb(169, 140, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 140, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 140, 112);  
box-shadow:4px 4px 4px 4px rgb(169, 140,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6649, 28.3610, 19.2927 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, 112) }
```

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

```
.background{ background-color: rgb(169,  
140, 112) }
```

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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