

Converting Colors

XYZ(29.5912, 29.1924, 22.2283)

Have a look what the booklet for
XYZ(29.5912, 29.1924, 22.2283)
contains.

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Color

**XYZ(29.4864, 29.1615,
22.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	A98E79
RGB	169, 142, 121
RGB Percent	66%, 56%, 47%
CMY	0.3373, 0.4431, 0.5255
CMYK	0.00, 0.16, 0.28, 0.34
HSL	26°, 22%, 57%
HSV	26°, 28%, 66%
XYZ	29.4864, 29.1615, 22.1638
YIQ	147.6790, 22.8330, -0.8070

Conversions

Conversions Part 2

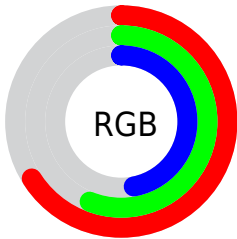
Format	Color
RYB	169, 158, 121
Decimal	11112057
CIELab	60.92, 6.91, 14.98
CIElCh	61, 16.495, 65.233
Yxy	29.1615, 0.3649, 0.3609
Android (android.graphics.Color)	4289302137 (0xFFA98E79)
YUV	147.6790, -13.1527, 18.6985
Hunter-Lab	54.0014, 2.9640, 13.4666

Details

The XYZ color **29.4864, 29.1615, 22.1638** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.6363, 28.1086, 41.6106**, and the grayscale version is **28.0616, 29.5230, 32.1506**.

A 20% lighter version of the original color is **58.3341, 58.5045, 47.7531**, and **12.1993, 11.8352, 7.7723** is the 20% darker color. If you saturate the color by 10%, you get **27.1852, 26.0748, 16.7238**, and if you desaturate by 10%, it is **32.0913, 32.5647, 28.6015**.

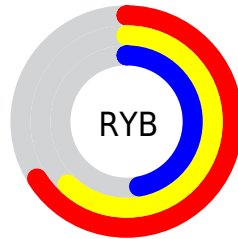
Distribution



Red (66%)

Green (56%)

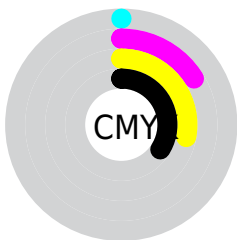
Blue (47%)



Red (66%)

Yellow (62%)

Blue (47%)

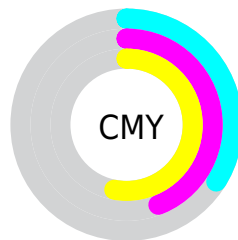


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (34%)



Cyan (34%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4864, 29.1615, 22.1638 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 29.4864, 29.1615, 22.1638 by changing the saturation by 10% instead.

 29.4864, 29.1615,
22.1638


 29.4864, 29.1615,
22.1638


291.4560,
297.9762, 276.3818


 19.5952, 19.2030,
13.7778


 58.2412, 58.3336,
47.9222

 12.2077, 11.8171,
7.8293

 77.8356, 78.3160,
66.1318

 6.9585, 6.6192,
3.8997


 101.3950,
102.4085, 88.4529

 3.4823, 3.2251,
1.5705

129.2849,
130.9955, 115.3043

 1.4136, 1.2504,
0.2696

161.8706,
164.4613, 147.1043

 0.2659, 0.1023,
0.0000

199.5174,

 0.0000, 0.0000,

203.1905, 184.2715

0.0000

242.5908,
247.5673, 227.2245

■ 29.4864, 29.1615,
22.1638

■ 29.4864, 29.1615,
22.1638

■ 27.1852, 26.0748,
16.7238

■ 32.0913, 32.5647,
28.6015

■ 25.1730, 23.2909,
12.2288

■ 35.0094, 36.2897,
36.0823

■ 23.4371, 20.8008,
8.6240

■ 38.2523, 40.3467,
44.6511

■ 21.9628, 18.5932,
5.8480

■ 41.8305, 44.7443,
54.3494

■ 20.7338, 16.6564,
3.8317

■ 45.7541, 49.4905,
65.2166

■ 19.7315, 14.9771,
2.4942

■ 50.0323, 54.5933,
77.2902

■ 18.9251, 13.5370,
1.6930

■ 54.6745, 60.0602,
90.6062

■ 18.8077, 13.3259,
1.5809

■ 59.4953, 65.8210,
104.1767

■ 62.0320, 70.8944,
105.0223

Harmonies

Analogous

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



31.2351, 29.1615, 25.3960



29.4864, 29.1615, 22.1638



27.3415, 29.1615, 21.3553

Triad

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



29.4864, 29.1615, 22.1638



23.7985, 29.1615, 32.8448



30.1727, 29.1615, 42.4448

Complementary

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



29.4864, 29.1615, 22.1638



25.6363, 28.1086, 41.6106

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.



28.0962, 29.1615, 45.0708



29.4864, 29.1615, 22.1638



24.4738, 29.1615, 39.0886

Square

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



29.4864, 29.1615, 22.1638



24.1281, 29.1615, 27.0431



26.0201, 29.1615, 43.7696



31.6455, 29.1615, 36.9779

Rectangle

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



29.4864, 29.1615, 22.1638



25.9908, 29.1615, 22.1959



26.0201, 29.1615, 43.7696



29.5182, 29.1615, 43.7191

Sweetspot

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



29.4872, 29.1628, 22.1644



62.2826, 64.4654, 63.5366



28.5610, 24.2546, 31.2766



13.4091, 13.8406, 13.4184



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.



29.4872, 29.1628, 22.1644



50.1886, 48.7313, 33.4431



33.4135, 37.0155, 23.4732



7.7911, 8.0622, 7.9348



14.0687, 10.0347, 1.1954



0.3936, 0.3467, 0.0462

Inverse Universe

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



25.6363, 28.1086, 41.6106



42.1578, 46.5286, 73.9841



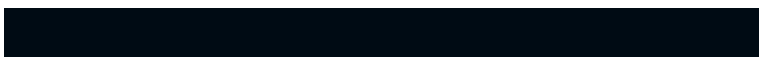
22.2797, 21.3954, 40.4917



7.4686, 7.9742, 9.5639



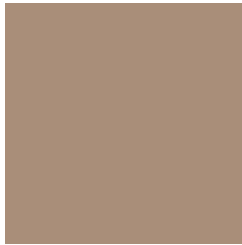
8.4447, 8.3495, 29.1420



0.2550, 0.3023, 0.7256

Previews

White Background



This preview shows how the XYZ color 29.4864, 29.1615, 22.1638 looks on a white background.

Color Contrast Check

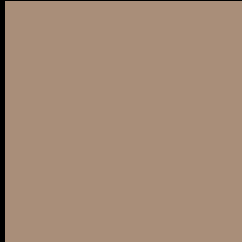
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4864, 29.1615, 22.1638 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 29.4864, 29.1615, 22.1638

Background



This preview shows how black text looks on a background with the XYZ color 29.4864, 29.1615, 22.1638.



This preview shows how white text looks on a background with the XYZ color 29.4864, 29.1615,

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

29.4864, 29.1615, 22.1638

Protanopia

27.5264, 29.2661, 22.9370

Deuteranopia

29.5536, 28.9763, 22.1245



Tritanopia

31.5266, 29.1175, 32.3924

Trichromacy



Original Color

29.4864, 29.1615, 22.1638

Protanomaly

28.1355, 29.1295, 22.5520

Deuteranomaly

29.5536, 28.9763, 22.1245

Tritanomaly

30.6874, 28.9872, 28.4038

Monochromacy



Original Color

29.4864, 29.1615, 22.1638

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5766, 29.4607, 28.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4864, 29.1615, 22.1638 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, 142, 121)` looks like.

```
.text, #text, p{  
    color:rgb(169, 142, 121)  
}
```

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, 142, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 142, 121) }
```

Border

The CSS property to change the border of an element to XYZ 29.4864, 29.1615, 22.1638 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, 142, 121) }
```


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

```
.border{ border-color:rgb(169, 142, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 142, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 142, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 142, 121);  
box-shadow:4px 4px 4px 4px rgb(169, 142,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4864, 29.1615, 22.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 142, 121) }
```

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

```
.background{ background-color: rgb(169,  
142, 121) }
```

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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