

Converting Colors

XYZ(28.8951, 29.1678, 19.5485)

Have a look what the booklet for
XYZ(28.8951, 29.1678, 19.5485)
contains.

XYZ(28.8955, 29.1396, 19.4308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.8955, 29.1396,
19.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	A88F70
RGB	168, 143, 112
RGB Percent	66%, 56%, 44%
CMY	0.3412, 0.4392, 0.5608
CMYK	0.00, 0.15, 0.33, 0.34
HSL	33°, 24%, 55%
HSV	33°, 33%, 66%
XYZ	28.8955, 29.1396, 19.4308
YIQ	146.9410, 24.8510, -4.3410

Conversions

Conversions Part 2

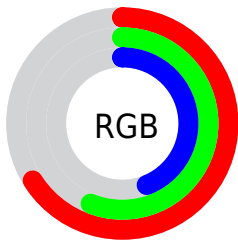
Format	Color
R_{YB}	157, 168, 112
Decimal	11046768
CIE _{Lab}	60.90, 4.72, 19.99
CIE _{LCh}	61, 20.543, 76.726
Yxy	29.1396, 0.3730, 0.3762
Android (android.graphics.Color)	4289236848 (0xFFA88F70)
YUV	146.9410, -17.2259, 18.4687
Hunter-Lab	53.9811, 1.0822, 16.4450

Details

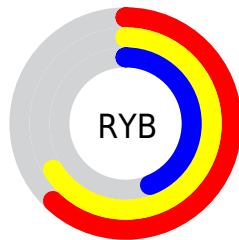
The XYZ color **28.8955, 29.1396, 19.4308** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6953, 24.1624, 40.5133**, and the grayscale version is **27.7711, 29.2174, 31.8177**.

A 20% lighter version of the original color is **57.4076, 58.4601, 43.3802**, and **11.9100, 11.8437, 6.5088** is the 20% darker color. If you saturate the color by 10%, you get **26.9578, 26.6241, 14.5927**, and if you desaturate by 10%, it is **31.0845, 31.8782, 25.2145**.

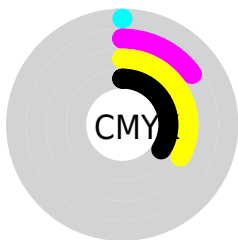
Distribution



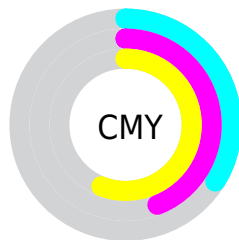
- Red (66%)
- Green (56%)
- Blue (44%)



- Red (62%)
- Yellow (66%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8955, 29.1396, 19.4308 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 28.8955, 29.1396, 19.4308 by changing the saturation by 10% instead.

■ 28.8955, 29.1396,
19.4308

■ 28.8955, 29.1396,
19.4308

288.7247,
297.8731, 261.3183

■ 19.1457, 19.1865,
11.8020

■ 57.3097, 58.2988,
43.3071

■ 11.8802, 11.8051,
6.4881

■ 76.7048, 78.2737,
60.3918

■ 6.7338, 6.6111,
3.0705

■ 100.0457,
102.3579, 81.4655

■ 3.3410, 3.2201,
1.1308

■ 127.6978,
130.9358, 106.9467

■ 1.3366, 1.2477,
0.0000

160.0264,
164.3919, 137.2541

■ 0.2103, 0.1001,
0.0000

197.3968,

■ 0.0000, 0.0000,

203.1106, 172.8061

0.0000

240.1744,
247.4762, 214.0214

■ 28.8955, 29.1396,
19.4308

■ 28.8955, 29.1396,
19.4308

■ 26.9578, 26.6241,
14.5927

■ 31.0845, 31.8782,
25.2145

■ 25.2581, 24.3208,
10.6465

■ 33.5330, 34.8422,
31.9896

■ 23.7847, 22.2237,
7.5363

■ 36.2514, 38.0391,
39.8014

■ 22.5244, 20.3250,
5.1986

■ 39.2490, 41.4747,
48.6914

■ 21.4617, 18.6161,
3.5608

■ 42.5345, 45.1546,
58.6992

■ 20.5788, 17.0870,
2.5363

■ 46.1161, 49.0841,
69.8622

■ 20.0638, 16.1556,
2.0609

■ 50.0019, 53.2685,
82.2161

■ 54.1994, 57.7128,
95.7951

■ 57.3671, 61.8822,
103.5286

Harmonies

Analogous

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



31.3780, 29.1396, 22.1568



28.8955, 29.1396, 19.4308



26.2407, 29.1396, 19.5971

Triad

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



28.8955, 29.1396, 19.4308



23.0519, 29.1396, 36.1641



31.6170, 29.1396, 42.9483

Complementary

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



28.8955, 29.1396, 19.4308



22.6953, 24.1624, 40.5133

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.



29.2048, 29.1396, 48.0500



28.8955, 29.1396, 19.4308



24.3145, 29.1396, 43.7216

Square

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



28.8955, 29.1396, 19.4308



22.9810, 29.1396, 28.4611



26.5308, 29.1396, 48.3538



33.0162, 29.1396, 35.2359

Rectangle

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



28.8955, 29.1396, 19.4308



24.7299, 29.1396, 21.3155



26.5308, 29.1396, 48.3538



30.8909, 29.1396, 45.0761

Sweetspot

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



28.8962, 29.1409, 19.4314



62.3504, 65.0071, 62.3073



26.4725, 21.7254, 26.5406



13.4489, 14.0020, 13.1793



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.



28.8962, 29.1409, 19.4314



49.7906, 49.4624, 28.6024



32.4860, 37.1959, 20.7970



7.8625, 8.2050, 7.9586



15.2032, 12.3036, 1.5735



0.4198, 0.3991, 0.0549

Inverse Universe

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



22.6953, 24.1624, 40.5133



36.7887, 39.0277, 72.8192



19.9063, 18.0472, 39.4800



7.3971, 7.8312, 9.5400



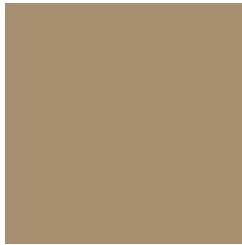
7.2866, 6.0333, 28.7560



0.2287, 0.2496, 0.7168

Previews

White Background



This preview shows how the XYZ color 28.8955, 29.1396, 19.4308 looks on a white background.

Color Contrast Check

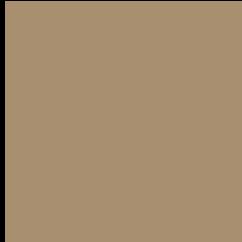
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8955, 29.1396, 19.4308 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 28.8955, 29.1396, 19.4308

Background



This preview shows how black text looks on a background with the XYZ color 28.8955, 29.1396, 19.4308.



This preview shows how white text looks on a background with the XYZ color 28.8955, 29.1396,

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

28.8955, 29.1396, 19.4308

Protanopia

27.3756, 29.2504, 20.1226

Deuteranopia

29.6831, 29.1038, 19.3824



Tritanopia

31.5266, 29.1175, 32.3924

Trichromacy



Original Color

28.8955, 29.1396, 19.4308

Protanomaly

27.9575, 29.3271, 19.8100

Deuteranomaly

29.3922, 29.1738, 19.4112

Tritanomaly

30.6166, 29.1917, 27.3134

Monochromacy



Original Color

28.8955, 29.1396, 19.4308

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0995, 29.2476, 26.7186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8955, 29.1396, 19.4308 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(168, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 143, 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(168, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 143, 112) }
```

Border

The CSS property to change the border of an element to XYZ 28.8955, 29.1396, 19.4308 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(168, 143, 112) }
```


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

```
.border{ border-color:rgb(168, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 143,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8955, 29.1396, 19.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 143, 112) }
```

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

```
.background{ background-color: rgb(168,  
143, 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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