

Converting Colors

XYZ(29.0539, 29.2276, 19.1491)

Have a look what the booklet for
XYZ(29.0539, 29.2276, 19.1491)
contains.

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Color

**XYZ(29.0539, 29.2276,
19.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	A98F6F
RGB	169, 143, 111
RGB Percent	66%, 56%, 44%
CMY	0.3373, 0.4392, 0.5647
CMYK	0.00, 0.15, 0.34, 0.34
HSL	33°, 25%, 55%
HSV	33°, 34%, 66%
XYZ	29.0539, 29.2276, 19.1491
YIQ	147.1260, 25.7680, -4.4400

Conversions

Conversions Part 2

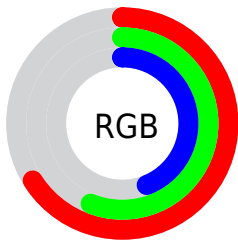
Format	Color
R_{YB}	158, 169, 111
Decimal	11112303
CIE _{Lab}	60.98, 5.00, 20.67
CIE _{LCh}	61, 21.269, 76.413
Yxy	29.2276, 0.3752, 0.3775
Android (android.graphics.Color)	4289302383 (0xFFA98F6F)
YUV	147.1260, -17.8101, 19.1835
Hunter-Lab	54.0626, 1.3187, 16.8431

Details

The XYZ color **29.0539, 29.2276, 19.1491** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6624, 24.1347, 41.0003**, and the grayscale version is **27.8498, 29.3002, 31.9079**.

A 20% lighter version of the original color is **57.6284, 58.5844, 42.9209**, and **12.0140, 11.9006, 6.3665** is the 20% darker color. If you saturate the color by 10%, you get **27.1112, 26.6930, 14.3369**, and if you desaturate by 10%, it is **31.2510, 31.9889, 24.9154**.

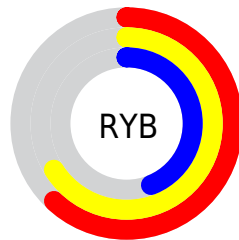
Distribution



Red (66%)

Green (56%)

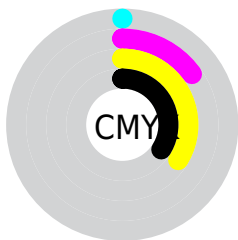
Blue (44%)



Red (62%)

Yellow (66%)

Blue (44%)

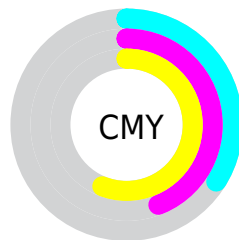


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (34%)



Cyan (34%)

Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0539, 29.2276, 19.1491 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 29.0539, 29.2276, 19.1491 by changing the saturation by 10% instead.

■ 29.0539, 29.2276,
19.1491

■ 29.0539, 29.2276,
19.1491

289.4588,
298.2873, 259.7207

■ 19.2661, 19.2531,
11.6002

■ 57.5597, 58.4385,
42.8259

■ 11.9678, 11.8533,
6.3528

■ 77.0084, 78.4437,
59.7909

■ 6.7938, 6.6438,
2.9885

■ 100.4080,
102.5611, 80.7317

■ 3.3787, 3.2404,
1.0888

■ 128.1241,
131.1754, 106.0667

■ 1.3570, 1.2585,
0.0000

160.5218,
164.6707, 136.2146

■ 0.2253, 0.1087,
0.0000

197.9666,

■ 0.0000, 0.0000,

203.4315, 171.5939

0.0000

240.8238,
247.8423, 212.6231

■ 29.0539, 29.2276,
19.1491

■ 29.0539, 29.2276,
19.1491

■ 27.1112, 26.6930,
14.3369

■ 31.2510, 31.9889,
24.9154

■ 25.4091, 24.3741,
10.4240

■ 33.7109, 34.9795,
31.6828

■ 23.9360, 22.2648,
7.3528

■ 36.4443, 38.2070,
39.4973

■ 22.6779, 20.3569,
5.0583

■ 39.4605, 41.6773,
48.4015

■ 21.6192, 18.6415,
3.4656

■ 42.7685, 45.3962,
58.4357

■ 20.7410, 17.1084,
2.4848

■ 46.3768, 49.3692,
69.6381

■ 20.2987, 16.3080,
2.0779

■ 50.2935, 53.6016,
82.0450

■ 54.5264, 58.0985,
95.6913

■ 57.7507, 62.3320,
103.5952

Harmonies

Analogous

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



31.6282, 29.2276, 21.9789



29.0539, 29.2276, 19.1491



26.2977, 29.2276, 19.2886

Triad

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



29.0539, 29.2276, 19.1491



22.9643, 29.2276, 36.3454



31.8317, 29.2276, 43.5802

Complementary

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



29.0539, 29.2276, 19.1491



22.6624, 24.1347, 41.0003

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.



29.3169, 29.2276, 48.8709



29.0539, 29.2276, 19.1491



24.2573, 29.2276, 44.2414

Square

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



29.0539, 29.2276, 19.1491



22.9043, 29.2276, 28.3634



26.5438, 29.2276, 49.1313



33.3027, 29.2276, 35.5550

Rectangle

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



29.0539, 29.2276, 19.1491



24.7281, 29.2276, 21.0314



26.5438, 29.2276, 49.1313



31.0731, 29.2276, 45.7919

Sweetspot

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



29.0546, 29.2290, 19.1497



62.3404, 64.9871, 62.3039



26.5694, 21.6132, 26.4763



13.4464, 13.9971, 13.1785



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.



29.0546, 29.2290, 19.1497



49.4120, 48.9420, 27.7465



32.8043, 37.6416, 20.5759



7.8613, 8.2027, 7.9582



15.1825, 12.2623, 1.5667



0.4193, 0.3982, 0.0548

Inverse Universe

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



22.6624, 24.1347, 41.0003



36.2541, 38.4602, 72.7379



19.7726, 17.8045, 39.9307



7.3983, 7.8335, 9.5404



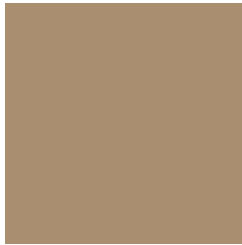
7.3026, 6.0655, 28.7614



0.2291, 0.2504, 0.7169

Previews

White Background



This preview shows how the XYZ color 29.0539, 29.2276, 19.1491 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 29.0539, 29.2276, 19.1491 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 29.0539, 29.2276, 19.1491

Background



This preview shows how black text looks on a background with the XYZ color 29.0539, 29.2276, 19.1491.



This preview shows how white text looks on a background with the XYZ color 29.0539, 29.2276,

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

29.0539, 29.2276, 19.1491

Protanopia

27.3190, 29.2278, 19.8244

Deuteranopia

29.6277, 29.0817, 19.0907



Tritanopia

31.7469, 29.2311, 32.4027

Trichromacy



Original Color

29.0539, 29.2276, 19.1491

Protanomaly

27.9015, 29.3047, 19.5150

Deuteranomaly

29.5555, 29.2644, 19.1298

Tritanomaly

30.7645, 29.2761, 26.9511

Monochromacy



Original Color

29.0539, 29.2276, 19.1491

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 29.0539, 29.2276, 19.1491 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, 143, 111)` looks like.

```
.text, #text, p{  
    color:rgb(169, 143, 111)  
}
```

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, 143, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 143, 111) }
```

Border

The CSS property to change the border of an element to XYZ 29.0539, 29.2276, 19.1491 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, 143, 111) }
```


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

```
.border{ border-color:rgb(169, 143, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 143, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 143, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 143, 111); box-shadow:4px 4px 4px 4px rgb(169, 143, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0539, 29.2276, 19.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 143, 111) }
```

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

```
.background{ background-color: rgb(169,  
143, 111) }
```

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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