

Converting Colors

XYZ(30.7232, 29.2029, 21.4702)

Have a look what the booklet for
XYZ(30.7232, 29.2029, 21.4702)
contains.

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Color

**XYZ(30.6939, 29.1443,
21.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	B18B77
RGB	177, 139, 119
RGB Percent	69%, 55%, 47%
CMY	0.3059, 0.4549, 0.5333
CMYK	0.00, 0.21, 0.33, 0.31
HSL	21°, 27%, 58%
HSV	21°, 33%, 69%
XYZ	30.6939, 29.1443, 21.4604
YIQ	148.0820, 29.0680, 1.8360

Conversions

Conversions Part 2

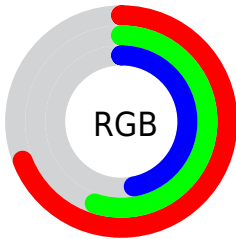
Format	Color
R_{YB}	177, 150, 119
Decimal	11635575
CIE _{Lab}	60.91, 11.53, 16.21
CIE _{LCh}	61, 19.894, 54.566
Yxy	29.1443, 0.3775, 0.3585
Android (android.graphics.Color)	4289825655 (0xFFB18B77)
YUV	148.0820, -14.3374, 25.3611
Hunter-Lab	53.9855, 7.0132, 14.2208

Details

The XYZ color **30.6939, 29.1443, 21.4604** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.6002, 31.2092, 46.1644**, and the grayscale version is **28.2326, 29.7029, 32.3465**.

A 20% lighter version of the original color is **60.3523, 58.5726, 46.6528**, and **12.8781, 11.8106, 7.5622** is the 20% darker color. If you saturate the color by 10%, you get **28.1376, 25.5773, 15.8433**, and if you desaturate by 10%, it is **33.6278, 33.1494, 28.1807**.

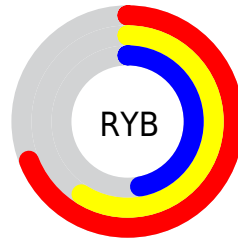
Distribution



Red (69%)

Green (55%)

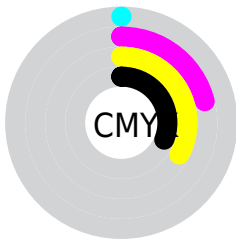
Blue (47%)



Red (69%)

Yellow (59%)

Blue (47%)

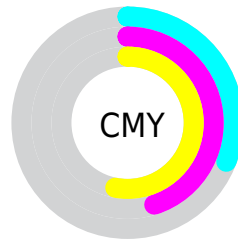


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6939, 29.1443, 21.4604 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 30.6939, 29.1443, 21.4604 by changing the saturation by 10% instead.

■ 30.6939, 29.1443,
21.4604

■ 30.6939, 29.1443,
21.4604

296.9778,
297.8952, 272.5762

■ 20.5166, 19.1900,
13.2664

■ 60.1370, 58.3063,
46.7432

■ 12.8815, 11.8077,
7.4794

■ 80.1334, 78.2827,
64.6691

■ 7.4234, 6.6128,
3.6807

■ 104.1335,
102.3687, 86.6762

■ 3.7770, 3.2212,
1.4519

132.5028,
130.9486, 113.1828

■ 1.5768, 1.2483,
0.1817

165.6065,
164.4068, 144.6076

■ 0.3772, 0.1006,
0.0000

203.8099,

■ 0.0000, 0.0000,

203.1277, 181.3690

0.0000

247.4786,
247.4957, 223.8857

■ 30.6939, 29.1443,
21.4604

■ 30.6939, 29.1443,
21.4604

■ 28.1376, 25.5773,
15.8433

■ 33.6278, 33.1494,
28.1807

■ 25.9401, 22.4289,
11.2678

■ 36.9525, 37.6032,
36.0578

■ 24.0843, 19.6840,
7.6690


■ 40.6833, 42.5209,
45.1438


■ 22.5505, 17.3249,
4.9736


■ 44.8339, 47.9159,
55.4870


■ 21.3168, 15.3324,
3.0980


■ 49.4175, 53.8009,
67.1333


 20.3577, 13.6853,
1.9426

 54.4464, 60.1880,
80.1260

 19.8027, 12.6896,
1.4056

 59.9328, 67.0892,
94.5066

 64.9728, 74.1497,
105.4956

 68.3409, 80.8860,
106.6183

Harmonies

Analogous

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



32.4886, 29.1443, 26.1579



30.6939, 29.1443, 21.4604



28.1757, 29.1443, 19.5325

Triad

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



30.6939, 29.1443, 21.4604



23.0268, 29.1443, 30.3998



29.8263, 29.1443, 46.5762

Complementary

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



30.6939, 29.1443, 21.4604



27.6002, 31.2092, 46.1644

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.



27.2312, 29.1443, 48.1811



30.6939, 29.1443, 21.4604



23.4081, 29.1443, 38.0492

Square

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



30.6939, 29.1443, 21.4604



23.8328, 29.1443, 24.1519



24.9089, 29.1443, 44.8511



31.9662, 29.1443, 40.7550

Rectangle

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



30.6939, 29.1443, 21.4604



26.4654, 29.1443, 19.8196



24.9089, 29.1443, 44.8511



28.9741, 29.1443, 47.6614

Sweetspot

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



30.6947, 29.1457, 21.4610



67.8449, 69.5524, 68.5926



30.8714, 24.9982, 35.3958



14.5115, 14.8194, 14.4024



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.6947, 29.1457, 21.4610



51.7435, 47.7084, 31.2905



35.3413, 38.4390, 23.0099



8.7281, 8.9686, 8.9236



14.3995, 9.2975, 1.0357



0.5088, 0.4040, 0.0512

Inverse Universe

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



27.6002, 31.2092, 46.1644



45.3656, 51.9370, 82.1291



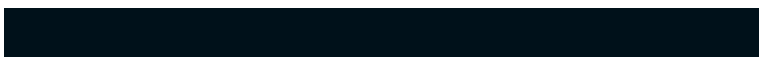
23.3503, 22.7094, 44.7478



8.4910, 9.1282, 10.8207



10.3292, 11.4587, 31.8043



0.3768, 0.4642, 1.0180

Previews

White Background



This preview shows how the XYZ color 30.6939, 29.1443, 21.4604 looks on a white background.

Color Contrast Check

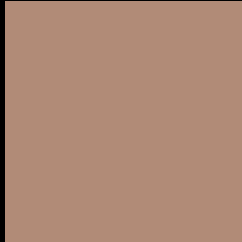
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6939, 29.1443, 21.4604 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 30.6939, 29.1443, 21.4604

Background



This preview shows how black text looks on a background with the XYZ color 30.6939, 29.1443, 21.4604.



This preview shows how white text looks on a background with the XYZ color 30.6939, 29.1443,

21.4604.

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

30.6939, 29.1443, 21.4604

Protanopia

27.5264, 29.2661, 22.9370

Deuteranopia

29.6492, 29.0396, 21.4953



Tritanopia

32.6747, 29.1066, 31.0901

Trichromacy



Original Color

30.6939, 29.1443, 21.4604

Protanomaly

28.5904, 29.1382, 22.5297

Deuteranomaly

29.9414, 28.9723, 21.4669

Tritanomaly

31.8385, 28.9696, 27.2062

Monochromacy



Original Color

30.6939, 29.1443, 21.4604

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9388, 29.4279, 27.8218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6939, 29.1443, 21.4604 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(177, 139, 119)` looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 119)  
}
```

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(177, 139, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 119) }
```

Border

The CSS property to change the border of an element to XYZ 30.6939, 29.1443, 21.4604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

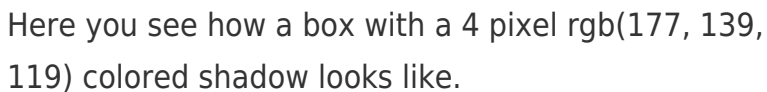
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 139, 119) }
```


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

```
.border{ border-color:rgb(177, 139, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 139, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 139, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 139, 119); box-shadow:4px 4px 4px 4px rgb(177, 139, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6939, 29.1443, 21.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 139, 119) }
```

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

```
.background{ background-color: rgb(177,  
139, 119) }
```

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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