

Converting Colors

XYZ(29.5816, 26.9723, 9.4414)

Have a look what the booklet for
XYZ(29.5816, 26.9723, 9.4414)
contains.

XYZ(29.5816, 26.9723, 9.4414)	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(29.5816, 26.9723,
9.4414)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8246
RGB	187, 130, 70
RGB Percent	73%, 51%, 27%
CMY	0.2667, 0.4902, 0.7255
CMYK	0.00, 0.30, 0.63, 0.27
HSL	31°, 46%, 50%
HSV	31°, 63%, 73%
XYZ	29.5816, 26.9723, 9.4414
YIQ	140.2030, 53.2320, -6.5760

Conversions

Conversions Part 2

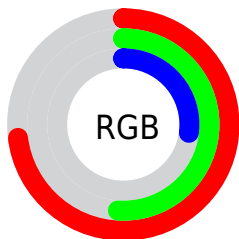
Format	Color
R_{YB}	181, 187, 70
Decimal	12288582
CIE _{Lab}	58.95, 15.79, 40.70
CIE _{LCh}	59, 43.654, 68.798
Yxy	26.9723, 0.4482, 0.4087
Android (android.graphics.Color)	4290478662 (0xFFBB8246)
YUV	140.2030, -34.6101, 41.0410
Hunter-Lab	51.9349, 10.7859, 25.5759

Details

The XYZ color **29.5816, 26.9723, 9.4414** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.0842, 20.0675, 49.8808**, and the grayscale version is **25.1228, 26.4312, 28.7835**.

A 20% lighter version of the original color is **58.3297, 54.8159, 25.2755**, and **12.2932, 10.6886, 2.1742** is the 20% darker color. If you saturate the color by 10%, you get **27.9223, 24.4559, 6.4158**, and if you desaturate by 10%, it is **31.5333, 29.7795, 13.4717**.

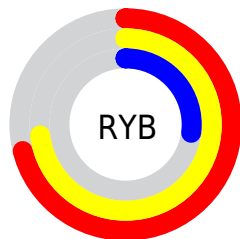
Distribution



Red (73%)

Green (51%)

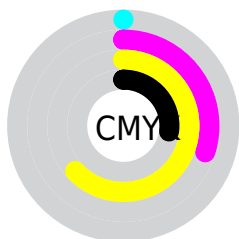
Blue (27%)



Red (71%)

Yellow (73%)

Blue (27%)

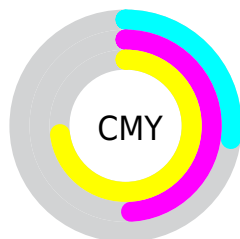


Cyan (0%)

Magenta (30%)

Yellow (63%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5816, 26.9723, 9.4414 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 29.5816, 26.9723, 9.4414 by changing the saturation by 10% instead.


 29.5816, 26.9723,
9.4414


 29.5816, 26.9723,
9.4414


291.8942,
287.5230, 196.9751


 19.6677, 17.5524,
4.9295


 58.3911, 54.8394,
25.3306

 12.2606, 10.6291,
2.1479


 78.0173, 74.0554,
37.5449


 6.9949, 5.8180,
0.6441


 101.6118, 97.3056,
53.1638

 3.5052, 2.7348,
0.0000

 129.5398,
124.9744, 72.6057

 1.4262, 0.9949,
0.0000

 162.1667,
157.4461, 96.2893

 0.2748, 0.0000,
0.0000

199.8578,

 0.0000, 0.0000,

195.1052, 124.6330

0.0000

242.9786,
238.3360, 158.0554

■ 29.5816, 26.9723,
9.4414

■ 29.5816, 26.9723,
9.4414

■ 27.9223, 24.4559,
6.4158

■ 31.5333, 29.7795,
13.4717

■ 26.5330, 22.2136,
4.2990

■ 33.7935, 32.8850,
18.5873

■ 25.3901, 20.2326,
2.9791

■ 36.3793, 36.3007,
24.8624

■ 24.6675, 18.9131,
2.3505

■ 39.3058, 40.0367,
32.3641

■ 42.5869, 44.1025,
41.1544

■ 46.2360, 48.5071,
51.2910

■ 50.2652, 53.2590,
62.8281

■ 54.6866, 58.3665,
75.8170

■ 59.5112, 63.8375,
90.3063

Harmonies

Analogous

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



34.6189, 26.9723, 14.3880



29.5816, 26.9723, 9.4414



24.0794, 26.9723, 8.6816

Triad

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



29.5816, 26.9723, 9.4414



16.6765, 26.9723, 34.1599



32.7150, 26.9723, 59.2081

Complementary

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



29.5816, 26.9723, 9.4414



19.0842, 20.0675, 49.8808

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.



27.2590, 26.9723, 69.6940



29.5816, 26.9723, 9.4414



18.3598, 26.9723, 52.2435

Square

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



29.5816, 26.9723, 9.4414



17.1166, 26.9723, 19.8656



22.0585, 26.9723, 66.7744



36.5974, 26.9723, 41.5012

Rectangle

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



29.5816, 26.9723, 9.4414



20.9488, 26.9723, 10.2452



22.0585, 26.9723, 66.7744



30.9757, 26.9723, 63.9343

Sweetspot

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



29.5822, 26.9736, 9.4419



72.2412, 74.0135, 62.8360



26.6129, 16.5170, 22.3806



15.5495, 15.8499, 12.8879



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.5822, 26.9736, 9.4419



49.0477, 42.2803, 9.9292



39.3690, 46.5472, 12.7042



9.9238, 10.3236, 10.0463



17.0689, 13.1766, 1.6437



0.7339, 0.6467, 0.0861

Inverse Universe

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



19.0842, 20.0675, 49.8808



28.7206, 28.9209, 88.2699



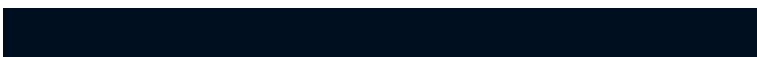
13.6857, 9.2705, 48.0813



9.3898, 9.9719, 12.1021



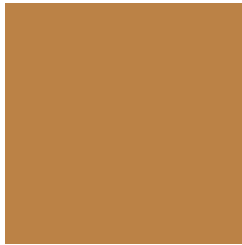
8.8352, 7.7821, 33.4293



0.4116, 0.4358, 1.3313

Previews

White Background



This preview shows how the XYZ color 29.5816, 26.9723, 9.4414 looks on a white background.

Color Contrast Check

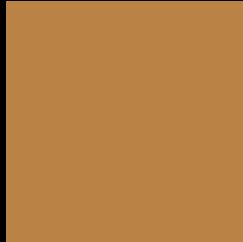
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5816, 26.9723, 9.4414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

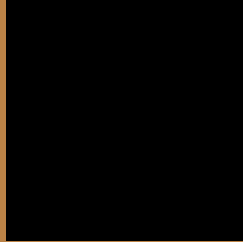
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5816, 26.9723, 9.4414

Background



This preview shows how black text looks on a background with the XYZ color 29.5816, 26.9723, 9.4414.



This preview shows how white text looks on a background with the XYZ color 29.5816, 26.9723,

9.4414.

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

29.5816, 26.9723, 9.4414

Protanopia

24.8137, 27.0085, 10.3839

Deuteranopia

27.4173, 26.8716, 9.3719



Tritanopia

32.7337, 26.9082, 25.2983

Trichromacy



Original Color

29.5816, 26.9723, 9.4414

Protanomaly

26.4395, 26.9828, 10.1180

Deuteranomaly

28.0521, 26.7884, 9.3224

Tritanomaly

31.4564, 26.9730, 18.0164

Monochromacy



Original Color

29.5816, 26.9723, 9.4414

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8033, 26.0142, 19.8809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5816, 26.9723, 9.4414 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(187, 130, 70)` looks like.

```
.text, #text, p{  
    color:rgb(187, 130, 70)  
}
```

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(187, 130, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 130, 70) }
```

Border

The CSS property to change the border of an element to XYZ 29.5816, 26.9723, 9.4414 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(187, 130, 70) }
```


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

```
.border{ border-color:rgb(187, 130, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 130, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 130, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 130, 70);  
box-shadow:4px 4px 4px 4px rgb(187, 130,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5816, 26.9723, 9.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 130, 70) }
```

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

```
.background{ background-color: rgb(187,  
130, 70) }
```

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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