

Converting Colors

XYZ(32.5161, 28.6314, 18.1276)

Have a look what the booklet for
XYZ(32.5161, 28.6314, 18.1276)
contains.

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Color

**XYZ(32.4439, 28.6616,
18.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	BF846C
RGB	191, 132, 108
RGB Percent	75%, 52%, 42%
CMY	0.2510, 0.4823, 0.5765
CMYK	0.00, 0.31, 0.43, 0.25
HSL	17°, 39%, 59%
HSV	17°, 43%, 75%
XYZ	32.4439, 28.6616, 18.0096
YIQ	146.9050, 42.8680, 5.0440

Conversions

Conversions Part 2

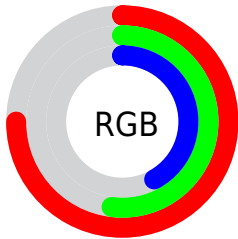
Format	Color
R_{YB}	191, 142, 108
Decimal	12551276
CIE _{Lab}	60.48, 19.77, 22.08
CIE _{LCh}	60, 29.640, 48.154
Yxy	28.6616, 0.4101, 0.3623
Android (android.graphics.Color)	4290741356 (0xFFBF846C)
YUV	146.9050, -19.1802, 38.6713
Hunter-Lab	53.5365, 14.4846, 17.5305

Details

The XYZ color **32.4439, 28.6616, 18.0096** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4064, 34.5857, 54.4160**, and the grayscale version is **27.7589, 29.2045, 31.8037**.

A 20% lighter version of the original color is **62.7610, 57.3757, 41.0245**, and **13.8246, 11.5117, 5.7683** is the 20% darker color. If you saturate the color by 10%, you get **29.8139, 24.8541, 12.6554**, and if you desaturate by 10%, it is **35.5376, 33.0402, 24.6176**.

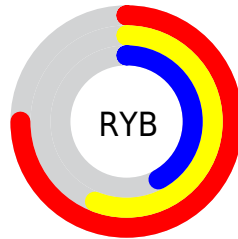
Distribution



Red (75%)

Green (52%)

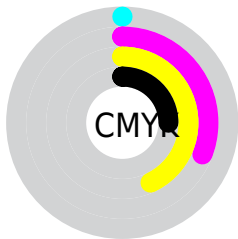
Blue (42%)



Red (75%)

Yellow (56%)

Blue (42%)

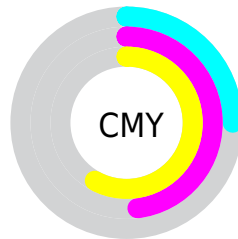


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4439, 28.6616, 18.0096 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 32.4439, 28.6616, 18.0096 by changing the saturation by 10% instead.


 32.4439, 28.6616,
18.0096


 32.4439, 28.6616,
18.0096


304.8459,
295.6149, 253.1631

 21.8580, 18.8250,
10.7874


 62.8668, 57.5390,
40.8678


 13.8686, 11.5439,
5.8117


 83.4346, 77.3486,
57.3409

 8.1104, 6.4339,
2.6640


 108.0603,
101.2512, 77.7347

 4.2181, 3.1107,
0.9252

 137.1093,
129.6314, 102.4678

 1.8262, 1.1898,
0.0000

170.9470,
162.8735, 131.9586

 0.5334, 0.0533,
0.0000

209.9388,

 0.0000, 0.0000,

201.3618, 166.6257

0.0000

254.4500,
245.4808, 206.8877

■ 32.4439, 28.6616,
18.0096

■ 32.4439, 28.6616,
18.0096

■ 29.8139, 24.8541,
12.6554

■ 35.5376, 33.0402,
24.6176

■ 27.6217, 21.5892,
8.4728

■ 39.1150, 38.0084,
32.5510

■ 25.8416, 18.8423,
5.3725

■ 43.1973, 43.5889,
41.8779

■ 24.4443, 16.5848,
3.2511

■ 47.8039, 49.8023,
52.6614

■ 23.3957, 14.7850,
1.9848

■ 52.9530, 56.6677,
64.9605

■ 22.8634, 13.8315,
1.4647

■ 58.6619, 64.2037,
78.8311

■ 64.9474, 72.4281,
94.3261

■ 70.8770, 80.9786,
106.5026

■ 75.0380, 89.3007,
107.8896

Harmonies

Analogous

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



34.8376, 28.6616, 25.0994



32.4439, 28.6616, 18.0096



28.7784, 28.6616, 14.8105

Triad

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



32.4439, 28.6616, 18.0096



20.6648, 28.6616, 27.0840



29.5961, 28.6616, 55.7789

Complementary

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



32.4439, 28.6616, 18.0096



29.4064, 34.5857, 54.4160

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.



25.7613, 28.6616, 56.6662



32.4439, 28.6616, 18.0096



20.8394, 28.6616, 38.2342

Square

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



32.4439, 28.6616, 18.0096



22.1267, 28.6616, 19.1686



22.6281, 28.6616, 49.6554



33.0905, 28.6616, 47.4570

Rectangle

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



32.4439, 28.6616, 18.0096



26.2130, 28.6616, 14.6677



22.6281, 28.6616, 49.6554



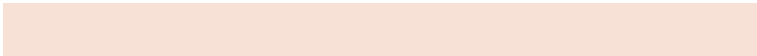
28.2975, 28.6616, 57.0173

Sweetspot

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



32.4446, 28.6630, 18.0102



77.5607, 78.3315, 75.4527



33.8684, 24.6097, 39.7591



16.6539, 16.6875, 15.6965



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.4446, 28.6630, 18.0102



53.6709, 44.9155, 23.2080



39.1395, 42.0527, 20.2418



9.7489, 9.9738, 9.9880



15.0865, 9.2117, 0.9829



0.6492, 0.4772, 0.0579

Inverse Universe

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



29.4064, 34.5857, 54.4160



47.4970, 56.8077, 96.7408



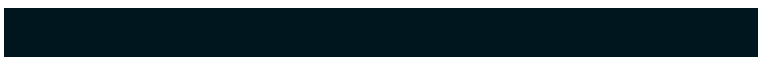
23.0473, 21.8675, 52.2963



9.5691, 10.3306, 12.1619



12.0159, 14.1436, 34.4896



0.5242, 0.6611, 1.3688

Previews

White Background



This preview shows how the XYZ color 32.4439, 28.6616, 18.0096 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 32.4439, 28.6616, 18.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

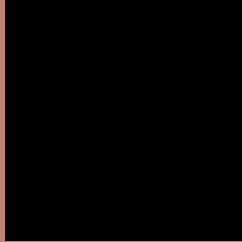
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4439, 28.6616, 18.0096

Background



This preview shows how black text looks on a background with the XYZ color 32.4439, 28.6616, 18.0096.



This preview shows how white text looks on a background with the XYZ color 32.4439, 28.6616,

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

32.4439, 28.6616, 18.0096

Protanopia

27.0264, 28.8406, 20.0619

Deuteranopia

29.2132, 28.6810, 17.6320



Tritanopia

34.5548, 28.7427, 27.7714

Trichromacy



Original Color

32.4439, 28.6616, 18.0096

Protanomaly

28.8117, 28.6546, 19.3416

Deuteranomaly

30.4219, 28.6562, 17.8377

Tritanomaly

33.6733, 28.5703, 23.8185

Monochromacy



Original Color

32.4439, 28.6616, 18.0096

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.0109, 28.8260, 26.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4439, 28.6616, 18.0096 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(191, 132, 108)` looks like.

```
.text, #text, p{  
    color:rgb(191, 132, 108)  
}
```

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(191, 132, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 132, 108) }
```

Border

The CSS property to change the border of an element to XYZ 32.4439, 28.6616, 18.0096 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(191, 132, 108) }
```


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

```
.border{ border-color:rgb(191, 132, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 132, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 132, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 132, 108);  
box-shadow:4px 4px 4px 4px rgb(191, 132,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4439, 28.6616, 18.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 132, 108) }
```

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

```
.background{ background-color: rgb(191,  
132, 108) }
```

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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