

Converting Colors

XYZ(36.4497, 36.9217, 29.2502)

Have a look what the booklet for
XYZ(36.4497, 36.9217, 29.2502)
contains.

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Color

**XYZ(36.4497, 36.9217,
29.2502)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A08A
RGB	182, 160, 138
RGB Percent	71%, 63%, 54%
CMY	0.2863, 0.3725, 0.4588
CMYK	0.00, 0.12, 0.24, 0.29
HSL	30°, 23%, 63%
HSV	30°, 24%, 71%
XYZ	36.4497, 36.9217, 29.2502
YIQ	164.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

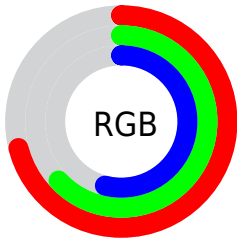
Format	Color
R _{YB}	182, 182, 138
Decimal	11968650
CIE Lab	67.22, 4.56, 14.43
CIE LCh	67, 15.136, 72.449
Yxy	36.9217, 0.3552, 0.3598
Android (android.graphics.Color)	4290158730 (0xFFB6A08A)
YUV	164.0700, -12.8525, 15.7246
Hunter-Lab	60.7632, 0.7402, 13.9932

Details

The XYZ color **36.4497, 36.9217, 29.2502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4953, 33.9214, 49.1438**, and the grayscale version is **35.3733, 37.2154, 40.5276**.

A 20% lighter version of the original color is **68.9643, 70.5396, 59.2709**, and **16.2834, 16.3090, 11.5222** is the 20% darker color. If you saturate the color by 10%, you get **33.7211, 33.3994, 22.3755**, and if you desaturate by 10%, it is **39.5165, 40.7666, 37.3279**.

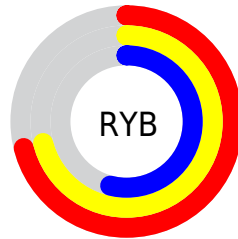
Distribution



Red (71%)

Green (63%)

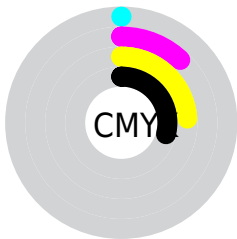
Blue (54%)



Red (71%)

Yellow (71%)

Blue (54%)

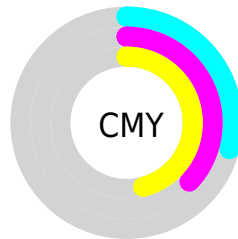


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4497, 36.9217, 29.2502 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 36.4497, 36.9217, 29.2502 by changing the saturation by 10% instead.


 36.4497, 36.9217,
29.2502


 36.4497, 36.9217,
29.2502


322.3189,
332.9714, 312.4914


 24.9534, 25.1469,
19.0230


 69.0449, 70.4523,
59.5213

 16.1709, 16.1865,
11.5099

 90.8746, 92.9769,
80.4022

 9.7368, 9.6562,
6.2924


 116.8795,
119.8536, 105.6715

 5.2857, 5.1716,
2.9521

147.4249,
151.4667, 135.7476

 2.4523, 2.3483,
1.0702

182.8762,
188.2006, 171.0491

 0.8713, 0.7991,
0.0000

223.5987,

 0.0000, 0.0000,

230.4398, 211.9946

0.0000

269.9578,
278.5686, 259.0025

■ 36.4497, 36.9217,
29.2502

■ 36.4497, 36.9217,
29.2502

■ 33.7211, 33.3994,
22.3755

■ 39.5165, 40.7666,
37.3279

■ 31.3145, 30.1854,
16.6428

■ 42.9312, 44.9379,
46.6610

■ 29.2162, 27.2714,
11.9891

■ 46.7068, 49.4457,
57.3015

■ 27.4105, 24.6470,
8.3443

■ 50.8545, 54.2982,
69.2979

■ 25.8799, 22.3009,
5.6299

■ 55.3850, 59.5032,
82.6960

■ 24.6047, 20.2205,
3.7557

■ 60.3087, 65.0681,
97.5396

■ 23.5613, 18.3918,
2.6128

■ 63.9150, 70.3121,
104.8107

■ 23.0340, 17.4300,
2.1503

■ 66.4217, 75.3256,
105.6462

■ 69.0612, 80.6045,
106.5261

Harmonies

Analogous

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



38.4740, 36.9217, 32.2113



36.4497, 36.9217, 29.2502



34.1440, 36.9217, 29.0137

Triad

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



36.4497, 36.9217, 29.2502



30.9313, 36.9217, 43.0070



38.1775, 36.9217, 50.3389

Complementary

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



36.4497, 36.9217, 29.2502



31.4953, 33.9214, 49.1438

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.



36.0594, 36.9217, 53.9487



36.4497, 36.9217, 29.2502



31.9160, 36.9217, 49.4143

Square

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



36.4497, 36.9217, 29.2502



31.0255, 36.9217, 36.4857



33.7703, 36.9217, 53.5929



39.5013, 36.9217, 44.1613

Rectangle

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



36.4497, 36.9217, 29.2502



32.7630, 36.9217, 30.3926



33.7703, 36.9217, 53.5929



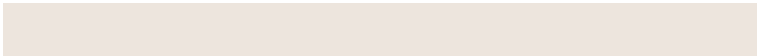
37.5309, 36.9217, 51.9218

Sweetspot

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



36.4507, 36.9234, 29.2510



75.9445, 79.1831, 79.3735



34.7254, 30.6605, 37.3460



16.6909, 17.3883, 17.3033



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.4507, 36.9234, 29.2510



63.3796, 63.4744, 46.1413



40.6071, 45.2363, 30.6365



9.3657, 9.7343, 9.4922



16.3327, 12.4418, 1.5407



0.6377, 0.5624, 0.0749

Inverse Universe

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



31.4953, 33.9214, 49.1438



52.8354, 57.0868, 88.4698



28.0136, 26.9581, 47.9832



8.8820, 9.4413, 11.4337



8.6702, 7.8001, 32.3017



0.3675, 0.3988, 1.1593

Previews

White Background



This preview shows how the XYZ color 36.4497, 36.9217, 29.2502 looks on a white background.

Color Contrast Check

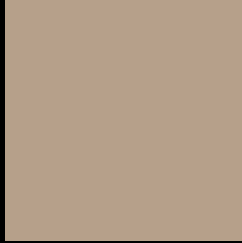
Large Text (above 18pt) WCAG AA × Fail

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 36.4497, 36.9217, 29.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

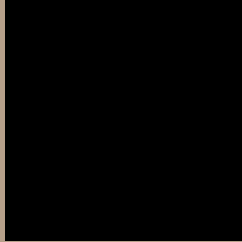
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4497, 36.9217, 29.2502

Background



This preview shows how black text looks on a background with the XYZ color 36.4497, 36.9217, 29.2502.



This preview shows how white text looks on a background with the XYZ color 36.4497, 36.9217,

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

36.4497, 36.9217, 29.2502

Protanopia

34.8441, 36.8585, 30.0889

Deuteranopia

37.5533, 36.9801, 29.2033



Tritanopia

39.2061, 37.0432, 42.1295

Trichromacy



Original Color

36.4497, 36.9217, 29.2502

Protanomaly

35.4850, 36.9348, 29.6850

Deuteranomaly

37.2353, 37.0704, 29.2375

Tritanomaly

38.1504, 36.8626, 37.0027

Monochromacy



Original Color

36.4497, 36.9217, 29.2502

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8082, 37.2189, 36.3070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4497, 36.9217, 29.2502 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(182, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(182, 160, 138)  
}
```

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(182, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 160, 138) }
```

Border

The CSS property to change the border of an element to XYZ 36.4497, 36.9217, 29.2502 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(182, 160, 138) }
```


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

```
.border{ border-color:rgb(182, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(182, 160,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4497, 36.9217, 29.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 160, 138) }
```

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

```
.background{ background-color: rgb(182,  
160, 138) }
```

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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