

Converting Colors

XYZ(36.6882, 32.8997, 42.0710)

Have a look what the booklet for
XYZ(36.6882, 32.8997, 42.0710)
contains.

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Color

**XYZ(36.6631, 32.8784,
41.9499)**

Conversions

Conversions Part 1

Format	Color
Hex	B790A9
RGB	183, 144, 169
RGB Percent	72%, 56%, 66%
CMY	0.2824, 0.4353, 0.3373
CMYK	0.00, 0.21, 0.08, 0.28
HSL	322°, 21%, 64%
HSV	322°, 21%, 72%
XYZ	36.6631, 32.8784, 41.9499
YIQ	158.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

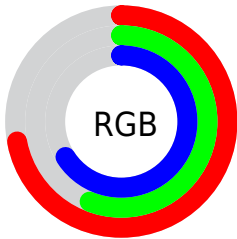
Format	Color
R_{YB}	183, 144, 169
Decimal	12030121
CIE _{Lab}	64.06, 18.87, -7.49
CIE _{LCh}	64, 20.307, 338.351
Yxy	32.8784, 0.3288, 0.2949
Android (android.graphics.Color)	4290220201 (0xFFB790A9)
YUV	158.5110, 5.1711, 21.4769
Hunter-Lab	57.3397, 13.7888, -3.2390

Details

The XYZ color **36.6631, 32.8784, 41.9499** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.6079, 42.2657, 38.6838**, and the grayscale version is **32.7047, 34.4079, 37.4702**.

A 20% lighter version of the original color is **69.2452, 64.1207, 79.2479**, and **16.3312, 13.8589, 18.6439** is the 20% darker color. If you saturate the color by 10%, you get **33.5117, 27.5376, 37.9327**, and if you desaturate by 10%, it is **40.2967, 39.1331, 46.2815**.

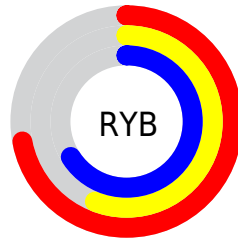
Distribution



Red (72%)

Green (56%)

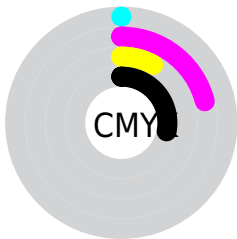
Blue (66%)



Red (72%)

Yellow (56%)

Blue (66%)

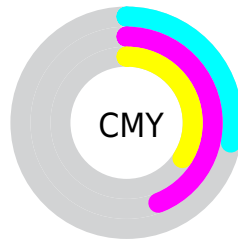


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6631, 32.8784, 41.9499 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 36.6631, 32.8784, 41.9499 by changing the saturation by 10% instead.


 36.6631, 32.8784,
41.9499


 36.6631, 32.8784,
41.9499

323.2305,
315.1014, 370.0687

 25.1192, 22.0333,
28.7368

 69.3715, 64.1856,
79.3931

 16.2951, 13.8814,
18.6379


 91.2668, 85.4166,
104.4602

 9.8254, 8.0382,
11.2348


117.3432,
110.8782, 134.3158

 5.3447, 4.1194,
6.1088

147.9662,
140.9550, 169.3783

 2.4877, 1.7406,
2.8415

183.5011,
176.0314, 210.0663

 0.8891, 0.4497,
1.0143

224.3132,

 0.0000, 0.0000,

216.4916, 256.7983

0.0000

270.7679,
262.7202, 309.9930

■ 36.6631, 32.8784,
41.9499

■ 36.6631, 32.8784,
41.9499

■ 33.5117, 27.5376,
37.9327

■ 40.2967, 39.1331,
46.2815

■ 30.8176, 23.0629,
34.2183

■ 44.4302, 46.3378,
50.9345

■ 28.5578, 19.4087,
30.7970

■ 49.0840, 54.5319,
55.9181

■ 26.7063, 16.5237,
27.6580

■ 54.2763, 63.7515,
61.2406

■ 25.2340, 14.3505,
24.7891

■ 60.0246, 74.0307,
66.9097

■ 24.1077, 12.8236,
22.1769

■ 66.3454, 85.4020,
72.9331

■ 23.2884, 11.8655,
19.8057

■ 67.5530, 86.4931,
77.4174

■ 22.7573, 11.3588,
17.9161

■ 68.4144, 86.8377,
81.9535

■ 69.3101, 87.1960,
86.6703

Harmonies

Analogous

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



34.7994, 32.8784, 49.6739



36.6631, 32.8784, 41.9499



37.0322, 32.8784, 33.5531

Triad

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



36.6631, 32.8784, 41.9499



30.4555, 32.8784, 22.3318



27.1201, 32.8784, 46.5243

Complementary

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



36.6631, 32.8784, 41.9499



34.6079, 42.2657, 38.6838

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.



26.1033, 32.8784, 38.1430



36.6631, 32.8784, 41.9499



27.9504, 32.8784, 24.7831

Square

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



36.6631, 32.8784, 41.9499



33.3297, 32.8784, 23.0304



26.3977, 32.8784, 30.2808



29.2585, 32.8784, 52.5836

Rectangle

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



36.6631, 32.8784, 41.9499



36.3608, 32.8784, 28.8082



26.3977, 32.8784, 30.2808



26.6420, 32.8784, 43.8380

Sweetspot

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



36.6641, 32.8799, 41.9506



75.9132, 76.5921, 87.1577



32.5537, 30.6008, 48.9909



16.6611, 16.7325, 19.1313



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.



36.6641, 32.8799, 41.9506



62.6684, 53.7888, 71.3788



34.9958, 32.2126, 33.1657



9.2404, 9.1065, 10.6131



15.9095, 7.9375, 12.6759



0.5893, 0.2912, 0.5966

Inverse Universe

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



36.6641, 32.8799, 41.9506



62.6684, 53.7888, 71.3788



36.3869, 42.9773, 48.0517



9.2404, 9.1065, 10.6131



15.9095, 7.9375, 12.6759



0.5893, 0.2912, 0.5966

Previews

White Background



This preview shows how the XYZ color 36.6631, 32.8784, 41.9499 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 36.6631, 32.8784, 41.9499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

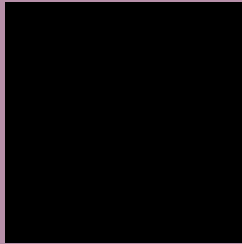
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6631, 32.8784, 41.9499

Background



This preview shows how black text looks on a background with the XYZ color 36.6631, 32.8784, 41.9499.



This preview shows how white text looks on a background with the XYZ color 36.6631, 32.8784,

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

36.6631, 32.8784, 41.9499

Protanopia

32.3410, 32.9212, 45.7242

Deuteranopia

33.6515, 32.9597, 41.6340



Tritanopia

35.4207, 32.8158, 36.3655

Trichromacy



Original Color

36.6631, 32.8784, 41.9499

Protanomaly

33.5534, 32.6164, 44.0623

Deuteranomaly

34.6710, 32.7776, 41.5451

Tritanomaly

35.8498, 32.7691, 38.1538

Monochromacy



Original Color

36.6631, 32.8784, 41.9499

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3149, 34.0804, 39.4199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6631, 32.8784, 41.9499 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(183, 144, 169)` looks like.

```
.text, #text, p{  
    color:rgb(183, 144, 169)  
}
```

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(183, 144, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 144, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.6631, 32.8784, 41.9499 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(183, 144, 169) }
```


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

```
.border{ border-color:rgb(183, 144, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 144, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 144, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 144, 169);  
box-shadow:4px 4px 4px 4px rgb(183, 144,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6631, 32.8784, 41.9499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 144, 169) }
```

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

```
.background{ background-color: rgb(183,  
144, 169) }
```

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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