

Converting Colors

XYZ(36.8764, 33.1800, 43.5581)

Have a look what the booklet for
XYZ(36.8764, 33.1800, 43.5581)
contains.

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Color

**XYZ(36.8632, 33.1744,
43.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	B691AC
RGB	182, 145, 172
RGB Percent	71%, 57%, 67%
CMY	0.2863, 0.4314, 0.3255
CMYK	0.00, 0.20, 0.05, 0.29
HSL	316°, 20%, 64%
HSV	316°, 20%, 71%
XYZ	36.8632, 33.1744, 43.4901
YIQ	159.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

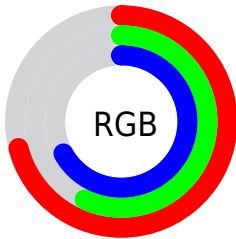
Format	Color
R_{YB}	182, 145, 172
Decimal	11964844
CIE _{Lab}	64.30, 18.50, -8.84
CIE _{LCh}	64, 20.506, 334.467
Yxy	33.1744, 0.3247, 0.2922
Android (android.graphics.Color)	4290154924 (0xFFB691AC)
YUV	159.1410, 6.3395, 20.0473
Hunter-Lab	57.5972, 13.4479, -4.4502

Details

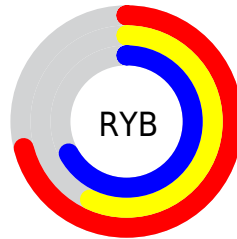
The XYZ color **36.8632, 33.1744, 43.4901** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.3227, 41.8432, 37.2798**, and the grayscale version is **32.9875, 34.7055, 37.7942**.

A 20% lighter version of the original color is **69.5484, 64.5700, 81.4707**, and **16.4461, 14.0286, 19.6103** is the 20% darker color. If you saturate the color by 10%, you get **33.8383, 27.8664, 40.1940**, and if you desaturate by 10%, it is **40.3530, 39.3833, 47.0283**.

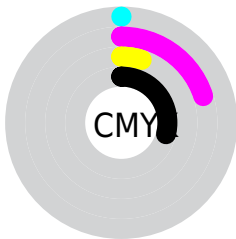
Distribution



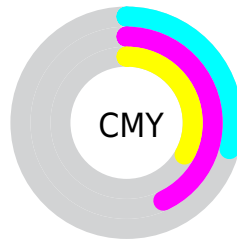
- Red (71%)
- Green (57%)
- Blue (67%)



- Red (71%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8632, 33.1744, 43.4901 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 36.8632, 33.1744, 43.4901 by changing the saturation by 10% instead.


 36.8632, 33.1744,
43.4901


 36.8632, 33.1744,
43.4901


324.0837,
316.4349, 376.6037

 25.2748, 22.2601,
29.9356


 69.6775, 64.6477,
81.7442

 16.4117, 14.0481,
19.5381


 91.6342, 85.9755,
107.2809

 9.9087, 8.1541,
11.8790


117.7776,
111.5432, 137.6487

 5.4002, 4.1937,
6.5398

148.4731,
141.7353, 173.2662

 2.5211, 1.7825,
3.1019

184.0861,
176.9361, 214.5519

 0.9059, 0.4762,
1.1469

224.9820,

 0.0000, 0.0000,

217.5300, 261.9243

0.0000

271.5261,
263.9015, 315.8021

■ 36.8632, 33.1744,
43.4901

■ 36.8632, 33.1744,
43.4901

■ 33.8383, 27.8664,
40.1940

■ 40.3530, 39.3833,
47.0283

■ 31.2541, 23.4126,
37.1298

■ 44.3248, 46.5284,
50.8139

■ 29.0885, 19.7685,
34.2895

■ 48.7983, 54.6483,
54.8549

■ 27.3162, 16.8839,
31.6639

■ 53.7913, 63.7783,
59.1581

■ 25.9092, 14.7032,
29.2425

■ 59.3205, 73.9516,
63.7298

■ 24.8355, 13.1627,
27.0138

■ 65.4021, 85.2003,
68.5764

■ 24.0576, 12.1875,
24.9643

■ 66.2454, 85.9427,
71.7684

■ 23.5120, 11.6333,
23.1265

■ 66.8543, 86.1863,
74.9747

■ 67.4821, 86.4374,
78.2804

Harmonies

Analogous

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



34.8104, 33.1744, 51.0349



36.8632, 33.1744, 43.4901



37.4548, 33.1744, 34.8855

Triad

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



36.8632, 33.1744, 43.4901



31.0968, 33.1744, 22.3668



27.1330, 33.1744, 45.9870

Complementary

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



36.8632, 33.1744, 43.4901



34.3227, 41.8432, 37.2798

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.



26.2677, 33.1744, 37.3859



36.8632, 33.1744, 43.4901



28.4649, 33.1744, 24.4391

Square

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



36.8632, 33.1744, 43.4901



34.0090, 33.1744, 23.4883



26.7400, 33.1744, 29.6357



29.1769, 33.1744, 52.6252

Rectangle

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



36.8632, 33.1744, 43.4901



36.9121, 33.1744, 29.8733



26.7400, 33.1744, 29.6357



26.7006, 33.1744, 43.1848

Sweetspot

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



36.8642, 33.1759, 43.4908



76.0932, 76.6641, 88.1057



32.0623, 30.5852, 48.4703



16.7050, 16.7501, 19.3623



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.



36.8642, 33.1759, 43.4908



64.4971, 56.0288, 76.3580



35.2202, 32.5183, 34.8338



9.2745, 9.1202, 10.7931



16.6325, 8.2268, 16.4836



0.6107, 0.2998, 0.7096

Inverse Universe

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



36.8642, 33.1759, 43.4908



64.4971, 56.0288, 76.3580



35.9845, 42.5079, 46.0306



9.2745, 9.1202, 10.7931



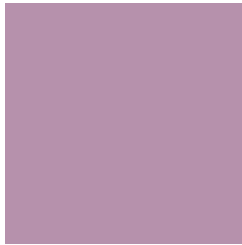
16.6325, 8.2268, 16.4836



0.6107, 0.2998, 0.7096

Previews

White Background



This preview shows how the XYZ color 36.8632, 33.1744, 43.4901 looks on a white background.

Color Contrast Check

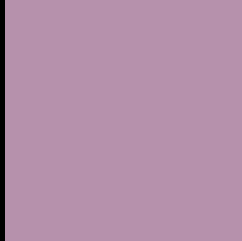
Large Text (above 18pt) WCAG AA × Fail

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 36.8632, 33.1744, 43.4901 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 36.8632, 33.1744, 43.4901

Background



This preview shows how black text looks on a background with the XYZ color 36.8632, 33.1744, 43.4901.



This preview shows how white text looks on a background with the XYZ color 36.8632, 33.1744,

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

36.8632, 33.1744, 43.4901

Protanopia

32.7061, 33.3324, 46.8295

Deuteranopia

34.0960, 33.3961, 43.1771



Tritanopia

35.5141, 33.0739, 37.3130

Trichromacy



Original Color

36.8632, 33.1744, 43.4901

Protanomaly

34.0073, 33.0543, 45.6620

Deuteranomaly

34.8927, 33.0931, 43.0766

Tritanomaly

36.0358, 33.0619, 39.6042

Monochromacy



Original Color

36.8632, 33.1744, 43.4901

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.1928, 34.0070, 39.8838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8632, 33.1744, 43.4901 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, 145, 172)` looks like.

```
.text, #text, p{  
    color:rgb(182, 145, 172)  
}
```

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, 145, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 172) }
```

Border

The CSS property to change the border of an element to XYZ 36.8632, 33.1744, 43.4901 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, 145, 172) }
```


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

```
.border{ border-color:rgb(182, 145, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 145, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 172);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8632, 33.1744, 43.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 172) }
```

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

```
.background{ background-color: rgb(182,  
145, 172) }
```

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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