

Converting Colors

XYZ(36.1294, 31.7640, 39.4473)

Have a look what the booklet for
XYZ(36.1294, 31.7640, 39.4473)
contains.

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Color

**XYZ(36.0865, 31.7508,
39.3485)**

Conversions

Conversions Part 1

Format	Color
Hex	B98CA4
RGB	185, 140, 164
RGB Percent	73%, 55%, 64%
CMY	0.2745, 0.4510, 0.3569
CMYK	0.00, 0.24, 0.11, 0.27
HSL	328°, 24%, 64%
HSV	328°, 24%, 73%
XYZ	36.0865, 31.7508, 39.3485
YIQ	156.1910, 19.1160, 17.0040

Conversions

Conversions Part 2

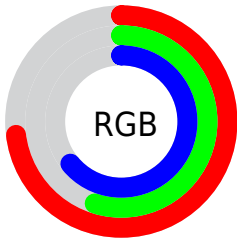
Format	Color
R _Y B	185, 140, 164
Decimal	12160164
CIE Lab	63.14, 20.95, -6.02
CIE LCh	63, 21.795, 343.977
Yxy	31.7508, 0.3367, 0.2962
Android (android.graphics.Color)	4290350244 (0xFFB98CA4)
YUV	156.1910, 3.8498, 25.2655
Hunter-Lab	56.3478, 15.7069, -1.9596

Details

The XYZ color **36.0865, 31.7508, 39.3485** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5985, 42.8474, 40.1671**, and the grayscale version is **31.6633, 33.3123, 36.2771**.

A 20% lighter version of the original color is **68.6959, 62.5753, 75.4754**, and **15.8571, 13.1399, 17.0297** is the 20% darker color. If you saturate the color by 10%, you get **32.8539, 26.4910, 34.5538**, and if you desaturate by 10%, it is **39.8284, 37.9436, 44.5749**.

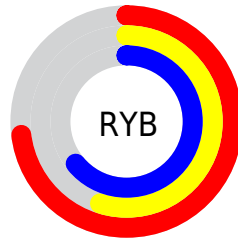
Distribution



Red (73%)

Green (55%)

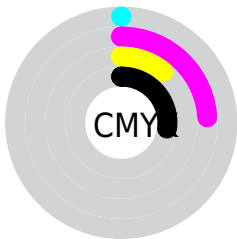
Blue (64%)



Red (73%)

Yellow (55%)

Blue (64%)

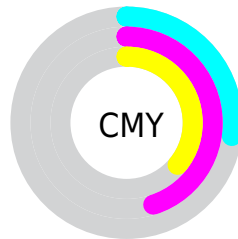


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0865, 31.7508, 39.3485 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 36.0865, 31.7508, 39.3485 by changing the saturation by 10% instead.


 36.0865, 31.7508,
39.3485


 36.0865, 31.7508,
39.3485

320.7631,
309.9825, 358.8400

 24.6714, 21.1712,
26.7210


 68.4886, 62.4202,
75.3966

 15.9599, 13.2492,
17.1332


 90.2062, 83.2789,
99.6543

 9.5864, 7.6004,
10.1666


 116.0889,
108.3326, 128.6259

 5.1858, 3.8403,
5.4025

146.5017,
137.9660, 162.7298

 2.3925, 1.5846,
2.4225

181.8102,
172.5632, 202.3846

 0.8414, 0.3472,
0.7986

222.3797,

 0.0000, 0.0000,

212.5088, 248.0089

0.0000

268.5756,
258.1871, 300.0212

■ 36.0865, 31.7508,
39.3485

■ 36.0865, 31.7508,
39.3485

■ 32.8539, 26.4910,
34.5538

■ 39.8284, 37.9436,
44.5749

■ 30.1040, 22.1139,
30.1758

■ 44.0989, 45.1077,
50.2433

■ 27.8120, 18.5714,
26.2011

■ 48.9198, 53.2846,
56.3662

■ 25.9496, 15.8087,
22.6149

■ 54.3106, 62.5120,
62.9549

■ 24.4854, 13.7643,
19.4011

■ 60.2901, 72.8256,
70.0203

■ 23.3828, 12.3675,
16.5415

■ 66.8760, 84.2596,
77.5727

■ 22.5983, 11.5331,
14.0156

■ 69.2819, 87.2401,
84.0211

■ 22.2437, 11.2088,
12.7106

■ 70.4862, 87.7217,
90.3625

■ 71.7508, 88.2276,
97.0219

Harmonies

Analogous

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



34.3757, 31.7508, 47.9157



36.0865, 31.7508, 39.3485



36.1467, 31.7508, 30.7222

Triad

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



36.0865, 31.7508, 39.3485



28.8024, 31.7508, 20.8582



26.2040, 31.7508, 47.3978

Complementary

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



36.0865, 31.7508, 39.3485



34.5985, 42.8474, 40.1671

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.



24.9057, 31.7508, 38.7291



36.0865, 31.7508, 39.3485



26.3371, 31.7508, 23.9675

Square

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



36.0865, 31.7508, 39.3485



31.8032, 31.7508, 20.9677



24.9528, 31.7508, 30.1972



28.6095, 31.7508, 53.0641

Rectangle

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



36.0865, 31.7508, 39.3485



35.2338, 31.7508, 26.1146



24.9528, 31.7508, 30.1972



25.6309, 31.7508, 44.6808

Sweetspot

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



36.0874, 31.7522, 39.3492



76.7469, 77.0247, 87.0688



32.8343, 29.8376, 49.9280



16.4453, 16.4373, 18.6391



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.



36.0874, 31.7522, 39.3492



61.5373, 51.8100, 65.9541



34.2318, 31.0100, 29.5778



9.1994, 9.0901, 10.3974



15.1830, 7.6469, 8.8502



0.5662, 0.2820, 0.4750

Inverse Universe

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



36.0874, 31.7522, 39.3492



61.5373, 51.8100, 65.9541



36.7646, 43.7139, 51.5735



9.1994, 9.0901, 10.3974



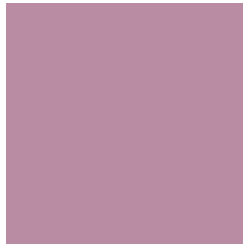
15.1830, 7.6469, 8.8502



0.5662, 0.2820, 0.4750

Previews

White Background



This preview shows how the XYZ color 36.0865, 31.7508, 39.3485 looks on a white background.

Color Contrast Check

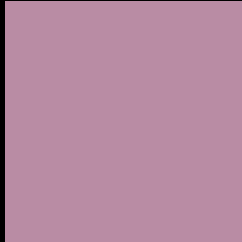
Large Text (above 18pt) WCAG AA × Fail

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 36.0865, 31.7508, 39.3485 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 36.0865, 31.7508, 39.3485

Background



This preview shows how black text looks on a background with the XYZ color 36.0865, 31.7508, 39.3485.



This preview shows how white text looks on a background with the XYZ color 36.0865, 31.7508,

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

36.0865, 31.7508, 39.3485

Protanopia

31.1566, 31.8808, 43.0396

Deuteranopia

32.5789, 31.9960, 38.6412



Tritanopia

35.1899, 31.8363, 34.4273

Trichromacy



Original Color

36.0865, 31.7508, 39.3485

Protanomaly

32.7620, 31.7935, 41.4558

Deuteranomaly

33.9030, 31.9728, 39.0348

Tritanomaly

35.3778, 31.6744, 36.1474

Monochromacy



Original Color

36.0865, 31.7508, 39.3485

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.1007, 32.5314, 37.3355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0865, 31.7508, 39.3485 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(185, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 140, 164)  
}
```

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(185, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 140, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.0865, 31.7508, 39.3485 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(185, 140, 164) }
```


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

```
.border{ border-color:rgb(185, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 140,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0865, 31.7508, 39.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 140, 164) }
```

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

```
.background{ background-color: rgb(185,  
140, 164) }
```

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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