

Converting Colors

XYZ(36.2691, 31.8014, 36.8536)

Have a look what the booklet for
XYZ(36.2691, 31.8014, 36.8536)
contains.

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Color

**XYZ(36.3751, 31.9507,
37.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8C9F
RGB	188, 140, 159
RGB Percent	74%, 55%, 62%
CMY	0.2627, 0.4510, 0.3765
CMYK	0.00, 0.26, 0.15, 0.26
HSL	336°, 26%, 64%
HSV	336°, 26%, 74%
XYZ	36.3751, 31.9507, 37.0508
YIQ	156.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

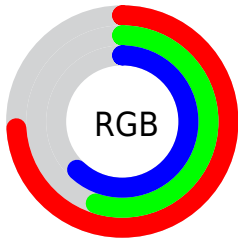
Format	Color
R _Y B	188, 140, 159
Decimal	12356767
CIE Lab	63.30, 21.20, -2.90
CIE LCh	63, 21.394, 352.206
Yxy	31.9507, 0.3452, 0.3032
Android (android.graphics.Color)	4290546847 (0xFFBC8C9F)
YUV	156.5180, 1.2236, 27.6097
Hunter-Lab	56.5250, 15.9502, 0.7042

Details

The XYZ color **36.3751, 31.9507, 37.0508** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9611, 44.4073, 44.2143**, and the grayscale version is **31.8198, 33.4769, 36.4564**.

A 20% lighter version of the original color is **69.0856, 62.8511, 72.1086**, and **16.1107, 13.2958, 15.9046** is the 20% darker color. If you saturate the color by 10%, you get **32.9184, 26.5427, 31.2568**, and if you desaturate by 10%, it is **40.3936, 38.3365, 43.4798**.

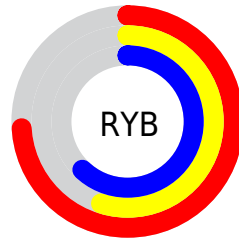
Distribution



Red (74%)

Green (55%)

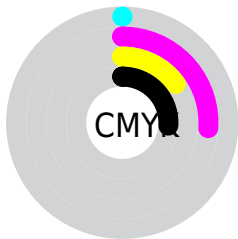
Blue (62%)



Red (74%)

Yellow (55%)

Blue (62%)

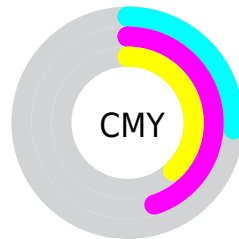


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3751, 31.9507, 37.0508 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 36.3751, 31.9507, 37.0508 by changing the saturation by 10% instead.


 36.3751, 31.9507,
37.0508


 36.3751, 31.9507,
37.0508


321.9998,
310.8946, 348.7057


 24.8955, 21.3238,
24.9507


 68.9307, 62.7338,
71.8381

 16.1275, 13.3609,
15.8217


 90.7374, 83.6588,
95.3624

 9.7059, 7.6776,
9.2451


 116.7172,
108.7854, 123.5319

 5.2651, 3.8893,
4.8024

147.2355,
138.4978, 156.7651

 2.4400, 1.6118,
2.0751

182.6575,
173.1806, 195.4805

 0.8651, 0.3656,
0.6009

223.3486,

 0.0000, 0.0000,

213.2180, 240.0968

0.0000

269.6743,
258.9946, 291.0323

■ 36.3751, 31.9507,
37.0508

■ 36.3751, 31.9507,
37.0508

■ 32.9184, 26.5427,
31.2568

■ 40.3936, 38.3365,
43.4798

■ 29.9944, 22.0595,
26.0750

■ 44.9955, 45.7409,
50.5614

■ 27.5757, 18.4495,
21.4841


■ 50.2049, 54.2079,
58.3150


■ 25.6308, 15.6546,
17.4606


■ 56.0434, 63.7773,
66.7587


■ 24.1248, 13.6091,
13.9791


■ 62.5318, 74.4872,
75.9097


 23.0175, 12.2374,
11.0116

 69.6895, 86.3735,
85.7846

 22.2595, 11.4455,
8.5264

 72.0076, 88.4148,
94.5568

 21.9890, 11.1914,
7.5522

 73.7348, 89.1057,
103.6520

 74.5492, 89.4314,
107.9406

Harmonies

Analogous

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



35.1006, 31.9507, 45.7867



36.3751, 31.9507, 37.0508



35.9591, 31.9507, 28.9749

Triad

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



36.3751, 31.9507, 37.0508



28.2637, 31.9507, 21.7543



27.0061, 31.9507, 49.3546

Complementary

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



36.3751, 31.9507, 37.0508



35.9611, 44.4073, 44.2143

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.



25.3890, 31.9507, 41.3328



36.3751, 31.9507, 37.0508



26.0815, 31.9507, 25.7103

Square

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



36.3751, 31.9507, 37.0508



31.1480, 31.9507, 20.9881



25.0619, 31.9507, 32.6209



29.6015, 31.9507, 53.6060

Rectangle

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



36.3751, 31.9507, 37.0508



34.7907, 31.9507, 24.9311



25.0619, 31.9507, 32.6209



26.3373, 31.9507, 46.9531

Sweetspot

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



36.3760, 31.9522, 37.0515



79.2734, 79.2251, 88.1800



34.7757, 30.8015, 51.6897



16.7708, 16.5912, 18.5395



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.3760, 31.9522, 37.0515



62.0608, 51.8408, 60.7364



35.5686, 32.7760, 29.2644



9.6824, 9.5972, 10.7163



15.0056, 7.6334, 5.3230



0.6201, 0.3120, 0.3789

Inverse Universe

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



36.3760, 31.9522, 37.0515



62.0608, 51.8408, 60.7364



36.8681, 43.1567, 53.9642



9.6824, 9.5972, 10.7163



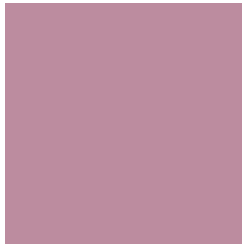
15.0056, 7.6334, 5.3230



0.6201, 0.3120, 0.3789

Previews

White Background



This preview shows how the XYZ color 36.3751, 31.9507, 37.0508 looks on a white background.

Color Contrast Check

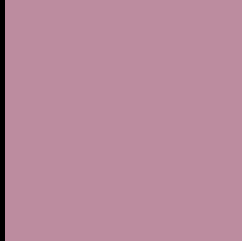
Large Text (above 18pt) WCAG AA × Fail

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 36.3751, 31.9507, 37.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

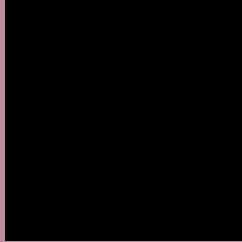
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3751, 31.9507, 37.0508

Background



This preview shows how black text looks on a background with the XYZ color 36.3751, 31.9507, 37.0508.



This preview shows how white text looks on a background with the XYZ color 36.3751, 31.9507,

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

36.3751, 31.9507, 37.0508

Protanopia

31.3152, 32.2479, 41.1332

Deuteranopia

32.7696, 32.1447, 36.3757



Tritanopia

35.6859, 31.8815, 33.9787

Trichromacy



Original Color

36.3751, 31.9507, 37.0508

Protanomaly

32.8078, 31.8595, 39.5423

Deuteranomaly

34.1296, 32.1404, 36.7526

Tritanomaly

35.9348, 31.9811, 35.2893

Monochromacy



Original Color

36.3751, 31.9507, 37.0508

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.3866, 32.9267, 36.9436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3751, 31.9507, 37.0508 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(188, 140, 159)` looks like.

```
.text, #text, p{  
    color:rgb(188, 140, 159)  
}
```

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(188, 140, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 140, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.3751, 31.9507, 37.0508 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(188, 140, 159) }
```


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

```
.border{ border-color:rgb(188, 140, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 140, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 140, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 140, 159);  
box-shadow:4px 4px 4px 4px rgb(188, 140,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3751, 31.9507, 37.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 140, 159) }
```

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

```
.background{ background-color: rgb(188,  
140, 159) }
```

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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