

Converting Colors

XYZ(40.0888, 37.2124, 44.1123)

Have a look what the booklet for
XYZ(40.0888, 37.2124, 44.1123)
contains.

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Color

**XYZ(40.1540, 37.2401,
44.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9BAC
RGB	189, 155, 172
RGB Percent	74%, 61%, 67%
CMY	0.2588, 0.3921, 0.3255
CMYK	0.00, 0.18, 0.09, 0.26
HSL	330°, 20%, 67%
HSV	330°, 18%, 74%
XYZ	40.1540, 37.2401, 44.1014
YIQ	167.1040, 14.8070, 12.4950

Conversions

Conversions Part 2

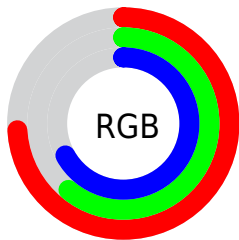
Format	Color
RYB	189, 155, 172
Decimal	12426156
CIELab	67.46, 15.45, -4.09
CIELCh	67, 15.978, 345.184
Yxy	37.2401, 0.3305, 0.3065
Android (android.graphics.Color)	4290616236 (0xFFBD9BAC)
YUV	167.1040, 2.4137, 19.2028
Hunter-Lab	61.0247, 10.6592, -0.1305

Details

The XYZ color **40.1540, 37.2401, 44.1014** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1631, 46.3433, 45.9130**, and the grayscale version is **36.7657, 38.6804, 42.1230**.

A 20% lighter version of the original color is **74.9178, 71.2321, 82.4736**, and **18.3322, 16.4076, 19.9701** is the 20% darker color. If you saturate the color by 10%, you get **36.3760, 31.0849, 38.5221**, and if you desaturate by 10%, it is **44.4911, 44.4090, 50.1865**.

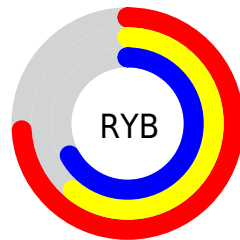
Distribution



Red (74%)

Green (61%)

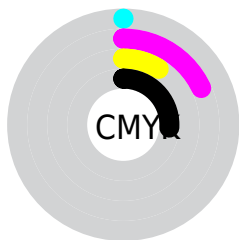
Blue (67%)



Red (74%)

Yellow (61%)

Blue (67%)

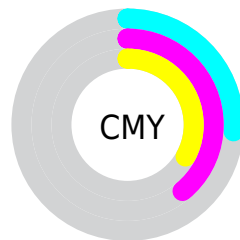


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1540, 37.2401, 44.1014 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 40.1540, 37.2401, 44.1014 by changing the saturation by 10% instead.

 40.1540, 37.2401,
44.1014


 40.1540, 37.2401,
44.1014

337.8955,
334.3489, 379.1754

 27.8434, 25.3934,
30.4125


 74.6808, 70.9419,
82.6744

 18.3475, 16.3704,
19.8972

 97.6277, 93.5658,
108.3955

 11.3009, 9.7867,
12.1370


124.8508,
120.5510, 138.9645

 6.3384, 5.2577,
6.7134

156.7153,
152.2818, 174.7998

 3.0945, 2.3993,
3.2078

193.5867,
189.1425, 216.3200

 1.2040, 0.8255,
1.2017

235.8303,

 0.1095, 0.0000,

231.5177, 263.9436

0.0000

283.8115,
279.7917, 318.0892

■ 0.0000, 0.0000,
0.0000

■ 40.1540, 37.2401,
44.1014

■ 40.1540, 37.2401,
44.1014

■ 36.3760, 31.0849,
38.5221

■ 44.4911, 44.4090,
50.1865

■ 33.1296, 25.8924,
33.4315

■ 49.4066, 52.6299,
56.7889

■ 30.3899, 21.6142,
28.8149

■ 54.9230, 61.9452,
63.9226

■ 28.1285, 18.1961,
24.6560

■ 61.0605, 72.3933,
71.6006

■ 26.3143, 15.5779,
20.9369

■ 67.8384, 84.0109,
79.8350

■ 24.9120, 13.6915,
17.6385

■ 70.8484, 87.9797,
87.1622

■ 23.8804, 12.4574,
14.7390

■ 72.2023, 88.5213,
94.2916

■ 23.1572, 11.7533,
12.2095

■ 73.6291, 89.0920,
101.8051

■ 23.0289, 11.6359,
11.7377

■ 74.7965, 89.5589,
107.9522

Harmonies

Analogous

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



38.8480, 37.2401, 50.8337



40.1540, 37.2401, 44.1014



40.1455, 37.2401, 37.1120

Triad

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



40.1540, 37.2401, 44.1014



34.1745, 37.2401, 28.8589



32.1742, 37.2401, 50.9050

Complementary

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



40.1540, 37.2401, 44.1014



39.1631, 46.3433, 45.9130

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.



31.0360, 37.2401, 44.1900



40.1540, 37.2401, 44.1014



32.1541, 37.2401, 31.7530

Square

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



40.1540, 37.2401, 44.1014



36.6155, 37.2401, 28.8410



31.0288, 37.2401, 37.1911



34.2031, 37.2401, 55.0591

Rectangle

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



40.1540, 37.2401, 44.1014



39.3922, 37.2401, 33.2522



31.0288, 37.2401, 37.1911



31.6789, 37.2401, 48.8401

Sweetspot

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



40.1551, 37.2418, 44.1022



82.1336, 83.6186, 93.2243



37.9214, 35.8894, 53.0732



17.5334, 17.7665, 19.8723



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.



40.1551, 37.2418, 44.1022



68.8428, 61.6688, 74.5148



38.6254, 36.6299, 36.0469



9.7237, 9.6138, 10.9341



15.5330, 7.8444, 8.1006



0.6415, 0.3205, 0.4912

Inverse Universe

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



40.1551, 37.2418, 44.1022



68.8428, 61.6688, 74.5148



40.9016, 47.0387, 55.0682



9.7237, 9.6138, 10.9341



15.5330, 7.8444, 8.1006



0.6415, 0.3205, 0.4912

Previews

White Background



This preview shows how the XYZ color 40.1540, 37.2401, 44.1014 looks on a white background.

Color Contrast Check

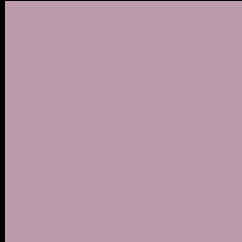
Large Text (above 18pt) WCAG AA × Fail

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 40.1540, 37.2401, 44.1014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

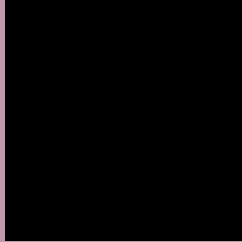
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1540, 37.2401, 44.1014

Background



This preview shows how black text looks on a background with the XYZ color 40.1540, 37.2401, 44.1014.



This preview shows how white text looks on a background with the XYZ color 40.1540, 37.2401,

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

40.1540, 37.2401, 44.1014

Protanopia

36.3428, 37.2612, 46.8716

Deuteranopia

38.0530, 37.4290, 43.7470



Tritanopia

39.6954, 37.2955, 42.1524

Trichromacy



Original Color

40.1540, 37.2401, 44.1014

Protanomaly

37.5422, 37.1210, 45.7438

Deuteranomaly

38.6336, 37.2178, 43.6756

Tritanomaly

39.7889, 37.3329, 42.6450

Monochromacy



Original Color

40.1540, 37.2401, 44.1014

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.9378, 38.1729, 42.9047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1540, 37.2401, 44.1014 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(189, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 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(189, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.1540, 37.2401, 44.1014 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(189, 155, 172) }
```


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

```
.border{ border-color:rgb(189, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1540, 37.2401, 44.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 172) }
```

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

```
.background{ background-color: rgb(189,  
155, 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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