

Converting Colors

XYZ(41.0254, 40.7494, 41.9560)

Have a look what the booklet for
XYZ(41.0254, 40.7494, 41.9560)
contains.

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Color

**XYZ(40.9514, 40.8297,
41.7989)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BAA7A6 |
| RGB | 186, 167, 166 |
| RGB Percent | 73%, 65%, 65% |
| CMY | 0.2706, 0.3451, 0.3490 |
| CMYK | 0.00, 0.10, 0.11, 0.27 |
| HSL | 3°, 13%, 69% |
| HSV | 3°, 11%, 73% |
| XYZ | 40.9514, 40.8297, 41.7989 |
| YIQ | 172.5670, 11.6450, 3.7170 |

Conversions

Conversions Part 2

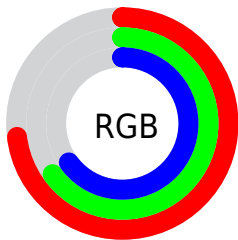
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 186, 167, 166 |
| Decimal | 12232614 |
| CIE _{Lab} | 70.06, 6.71, 3.02 |
| CIE _{LCh} | 70, 7.356, 24.218 |
| Yxy | 40.8297, 0.3314, 0.3304 |
| Android (android.graphics.Color) | 4290422694 (0xFFBAA7A6) |
| YUV | 172.5670, -3.2375, 11.7807 |
| Hunter-Lab | 63.8981, 2.5764, 5.9442 |

Details

The XYZ color **40.9514, 40.8297, 41.7989** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9377, 46.3494, 53.1910**, and the grayscale version is **39.5129, 41.5706, 45.2704**.

A 20% lighter version of the original color is **75.7904, 76.3403, 79.1472**, and **18.8409, 18.4629, 18.4903** is the 20% darker color. If you saturate the color by 10%, you get **36.3489, 34.1602, 32.4468**, and if you desaturate by 10%, it is **46.2452, 48.4858, 52.5999**.

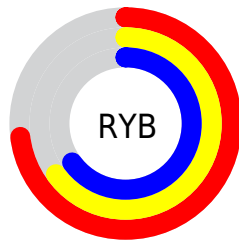
Distribution



Red (73%)

Green (65%)

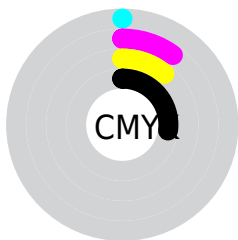
Blue (65%)



Red (73%)

Yellow (65%)

Blue (65%)

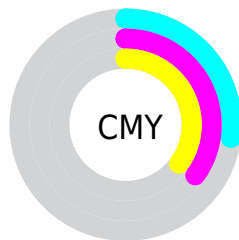


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9514, 40.8297, 41.7989 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 40.9514, 40.8297, 41.7989 by changing the saturation by 10% instead.


 40.9514, 40.8297,
41.7989


 40.9514, 40.8297,
41.7989


341.1835,
349.6083, 369.4237

 28.4686, 28.1860,
28.6195


 75.8853, 76.4253,
79.1620

 18.8215, 18.4659,
18.5500


 99.0671, 100.1460,
104.1827

 11.6446, 11.2850,
11.1721


126.5460,
128.3279, 133.9876

 6.5726, 6.2589,
6.0671

158.6872,
161.3553, 168.9952

 3.2402, 3.0031,
2.8165

195.8563,
199.6127, 209.6241

 1.2820, 1.1334,
1.0017

238.4184,

 0.1697, 0.0062,

243.4844, 256.2928

0.0000

286.7390,
293.3548, 309.4198

■ 0.0000, 0.0000,
0.0000

■ 40.9514, 40.8297,
41.7989

■ 40.9514, 40.8297,
41.7989

■ 36.3489, 34.1602,
32.4468

■ 46.2452, 48.4858,
52.5999

■ 32.4058, 28.4322,
24.4795

■ 52.2535, 57.1608,
64.9049

■ 29.0931, 23.6048,
17.8320

■ 59.0029, 66.8919,
78.7695

■ 26.3779, 19.6322,
12.4331

■ 66.5172, 77.7130,
94.2455

■ 24.2248, 16.4646,
8.2046

■ 74.0600, 89.1792,
107.9177

■ 22.5941, 14.0471,
5.0600

■ 21.4415, 12.3176,
2.9006

■ 20.7148, 11.2045,
1.6095

■ 20.3513, 10.6418,
0.9814

Harmonies

Analogous

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



41.1502, 40.8297, 45.1261



40.9514, 40.8297, 41.7989



40.1731, 40.8297, 39.3051

Triad

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



40.9514, 40.8297, 41.7989



36.9643, 40.8297, 40.7013



38.5753, 40.8297, 51.3653

Complementary

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



40.9514, 40.8297, 41.7989



41.9377, 46.3494, 53.1910

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.



37.4730, 40.8297, 50.0396



40.9514, 40.8297, 41.7989



36.5553, 40.8297, 43.7938

Square

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



40.9514, 40.8297, 41.7989



37.8680, 40.8297, 38.6947



36.7396, 40.8297, 47.2246



39.7623, 40.8297, 50.7639

Rectangle

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



40.9514, 40.8297, 41.7989



39.4388, 40.8297, 38.3922



36.7396, 40.8297, 47.2246



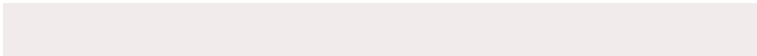
38.1828, 40.8297, 51.1282

Sweetspot

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



40.9525, 40.8315, 41.7998



81.5045, 84.5343, 90.6050



42.6435, 41.2149, 51.6073



17.7724, 18.3610, 19.5927



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.



40.9525, 40.8315, 41.7998



72.0592, 70.8683, 71.3498



42.8554, 44.6372, 42.4341



9.0398, 9.0825, 9.3836



13.7081, 7.1925, 0.6658



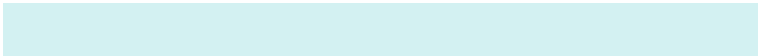
0.4955, 0.2781, 0.0276

Inverse Universe

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



41.9377, 46.3494, 53.1910



74.2169, 82.9545, 96.3016



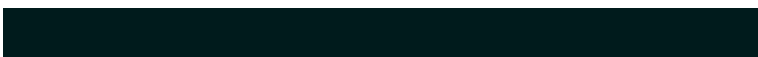
39.9194, 42.3127, 52.5182



9.2270, 10.1313, 11.5487



16.5130, 23.4856, 34.9159



0.5940, 0.8517, 1.2348

Previews

White Background



This preview shows how the XYZ color 40.9514, 40.8297, 41.7989 looks on a white background.

Color Contrast Check

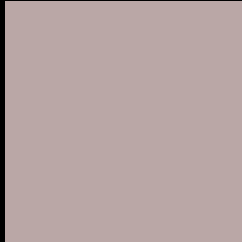
Large Text (above 18pt) WCAG AA × Fail

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 40.9514, 40.8297, 41.7989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

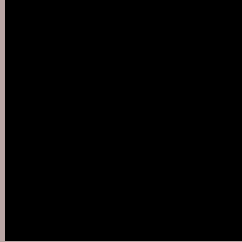
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9514, 40.8297, 41.7989

Background



This preview shows how black text looks on a background with the XYZ color 40.9514, 40.8297, 41.7989.



This preview shows how white text looks on a background with the XYZ color 40.9514, 40.8297,

41.7989.

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

40.9514, 40.8297, 41.7989

Protanopia

39.3100, 41.0669, 42.9006

Deuteranopia

41.7544, 40.9728, 41.7842



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

40.9514, 40.8297, 41.7989

Protanomaly

39.9402, 41.1232, 42.3917

Deuteranomaly

41.5054, 40.8444, 41.7726

Tritanomaly

41.7697, 40.8932, 45.7361

Monochromacy



Original Color

40.9514, 40.8297, 41.7989

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1787, 41.4931, 43.9215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9514, 40.8297, 41.7989 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(186, 167, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 166)  
}
```

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(186, 167, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.9514, 40.8297, 41.7989 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(186, 167, 166) }
```


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

```
.border{ border-color:rgb(186, 167, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 167, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 167, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 167, 166);  
box-shadow:4px 4px 4px 4px rgb(186, 167,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9514, 40.8297, 41.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 167, 166) }
```

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

```
.background{ background-color: rgb(186,  
167, 166) }
```

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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