

Converting Colors

XYZ(40.0510, 40.4697, 37.5966)

Have a look what the booklet for
XYZ(40.0510, 40.4697, 37.5966)
contains.

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Color

**XYZ(40.1542, 40.5109,
37.6013)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA79D
RGB	186, 167, 157
RGB Percent	73%, 65%, 62%
CMY	0.2706, 0.3451, 0.3843
CMYK	0.00, 0.10, 0.16, 0.27
HSL	21°, 17%, 67%
HSV	21°, 16%, 73%
XYZ	40.1542, 40.5109, 37.6013
YIQ	171.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

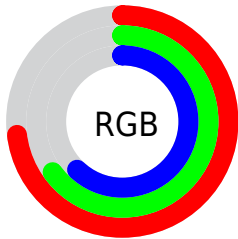
Format	Color
RYB	186, 172, 157
Decimal	12232605
CIELab	69.83, 5.21, 7.67
CIELCh	70, 9.271, 55.807
Yxy	40.5109, 0.3395, 0.3425
Android (android.graphics.Color)	4290422685 (0xFFBAA79D)
YUV	171.5410, -7.1687, 12.6805
Hunter-Lab	63.6482, 1.2273, 9.5271

Details

The XYZ color **40.1542, 40.5109, 37.6013** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2926, 41.7628, 52.4974**, and the grayscale version is **39.0117, 41.0433, 44.6962**.

A 20% lighter version of the original color is **74.6229, 75.8733, 72.9993**, and **18.4051, 18.2886, 16.1957** is the 20% darker color. If you saturate the color by 10%, you get **36.5579, 35.6689, 29.1553**, and if you desaturate by 10%, it is **44.2048, 45.8738, 47.3924**.

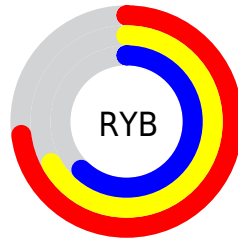
Distribution



Red (73%)

Green (65%)

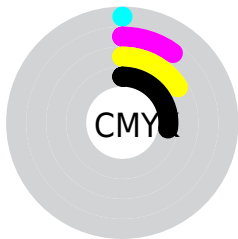
Blue (62%)



Red (73%)

Yellow (67%)

Blue (62%)

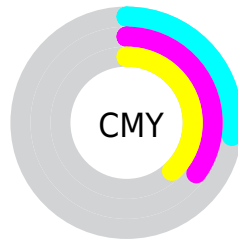


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1542, 40.5109, 37.6013 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 40.1542, 40.5109, 37.6013 by changing the saturation by 10% instead.


 40.1542, 40.5109,
37.6013


 40.1542, 40.5109,
37.6013


337.8964,
348.2723, 351.1533

 27.8435, 27.9371,
25.3740


 74.6811, 75.9409,
72.6933

 18.3476, 18.2783,
16.1343


 97.6281, 99.5658,
96.3950

 11.3010, 11.1499,
9.4639


124.8512,
127.6433, 124.7585

 6.3385, 6.1678,
4.9440

156.7158,
160.5577, 158.2025

 3.0946, 2.9474,
2.1563

193.5873,
198.6934, 197.1454

 1.2040, 1.1043,
0.6490

235.8309,

 0.1095, 0.0000,

242.4348, 242.0058

0.0000

283.8122,
292.1663, 293.2023

■ 0.0000, 0.0000,
0.0000

■ 40.1542, 40.5109,
37.6013

■ 40.1542, 40.5109,
37.6013

■ 36.5579, 35.6689,
29.1553

■ 44.2048, 45.8738,
47.3924

■ 33.3960, 31.3266,
21.9926

■ 48.7221, 51.7675,
58.5817

■ 30.6517, 27.4689,
16.0501

■ 53.7223, 58.2082,
71.2225

■ 28.3060, 24.0780,
11.2587

■ 59.2197, 65.2099,
85.3644

■ 26.3381, 21.1351,
7.5420

■ 65.2278, 72.7862,
101.0549

■ 24.7252, 18.6197,
4.8141

■ 69.4915, 80.0426,
106.3949

■ 23.4414, 16.5096,
2.9760

■ 73.2017, 87.4630,
107.6316

■ 22.4559, 14.7794,
1.9047

■ 74.0598, 89.1792,
107.9177

■ 22.0924, 14.1243,
1.5619

Harmonies

Analogous

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



41.1697, 40.5109, 40.5978



40.1542, 40.5109, 37.6013



38.7164, 40.5109, 36.3472

Triad

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



40.1542, 40.5109, 37.6013



35.6889, 40.5109, 43.5061



39.7784, 40.5109, 52.0019

Complementary

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



40.1542, 40.5109, 37.6013



38.2926, 41.7628, 52.4974

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.



38.2931, 40.5109, 52.9050



40.1542, 40.5109, 37.6013



35.9567, 40.5109, 47.8180

Square

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



40.1542, 40.5109, 37.6013



36.1593, 40.5109, 39.6126



36.9004, 40.5109, 51.3284



40.9488, 40.5109, 48.9344

Rectangle

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



40.1542, 40.5109, 37.6013



37.7212, 40.5109, 36.6038



36.9004, 40.5109, 51.3284



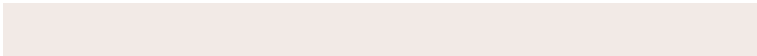
39.2983, 40.5109, 52.5768

Sweetspot

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



40.1553, 40.5127, 37.6022



80.5189, 83.6681, 86.8699



40.1766, 37.7013, 46.4073



17.6107, 18.2663, 18.8341



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.



40.1553, 40.5127, 37.6022



70.2615, 70.0542, 62.1761



42.8936, 45.9893, 38.5149



9.2512, 9.5053, 9.4540



14.9267, 9.6298, 1.0720



0.5853, 0.4576, 0.0575

Inverse Universe

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



38.2926, 41.7628, 52.4974



66.1852, 72.7869, 94.7623



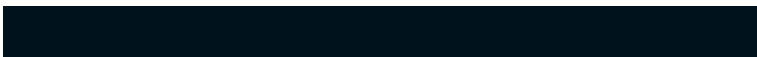
35.6590, 36.4958, 51.6196



8.9988, 9.6748, 11.4726



10.7034, 11.8665, 32.9794



0.4326, 0.5289, 1.1810

Previews

White Background



This preview shows how the XYZ color 40.1542, 40.5109, 37.6013 looks on a white background.

Color Contrast Check

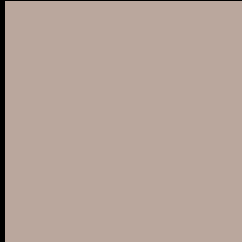
Large Text (above 18pt) WCAG AA × Fail

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 40.1542, 40.5109, 37.6013 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 40.1542, 40.5109, 37.6013

Background



This preview shows how black text looks on a background with the XYZ color 40.1542, 40.5109, 37.6013.



This preview shows how white text looks on a background with the XYZ color 40.1542, 40.5109,

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

40.1542, 40.5109, 37.6013

Protanopia

38.7642, 40.5998, 38.5943

Deuteranopia

41.2792, 40.5511, 37.5498



Tritanopia

42.1975, 40.5441, 47.1967

Trichromacy



Original Color

40.1542, 40.5109, 37.6013

Protanomaly

39.1819, 40.5479, 38.1092

Deuteranomaly

40.9572, 40.6539, 37.5866

Tritanomaly

41.4499, 40.5039, 43.6636

Monochromacy



Original Color

40.1542, 40.5109, 37.6013

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4812, 40.8866, 42.3702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1542, 40.5109, 37.6013 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(186, 167, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.1542, 40.5109, 37.6013 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, 157) }
```


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

```
.border{ border-color:rgb(186, 167, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 167, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 167, 157);  
box-shadow:4px 4px 4px 4px rgb(186, 167,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1542, 40.5109, 37.6013 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, 157) }
```

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

```
.background{ background-color: rgb(186,  
167, 157) }
```

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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