

Converting Colors

XYZ(40.5606, 39.9535, 37.5081)

Have a look what the booklet for
XYZ(40.5606, 39.9535, 37.5081)
contains.

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Color

**XYZ(40.5965, 39.9324,
37.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA49D
RGB	190, 164, 157
RGB Percent	75%, 64%, 62%
CMY	0.2549, 0.3568, 0.3843
CMYK	0.00, 0.14, 0.17, 0.25
HSL	13°, 20%, 68%
HSV	13°, 17%, 75%
XYZ	40.5965, 39.9324, 37.4663
YIQ	170.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

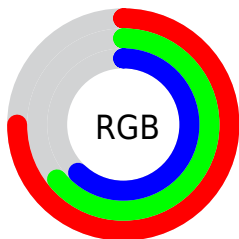
Format	Color
R_{YB}	190, 166, 157
Decimal	12493981
CIE _{Lab}	69.42, 8.35, 7.13
CIE _{LCh}	69, 10.981, 40.483
Yxy	39.9324, 0.3441, 0.3384
Android (android.graphics.Color)	4290684061 (0xFFBEA49D)
YUV	170.9760, -6.8902, 16.6840
Hunter-Lab	63.1921, 4.0876, 9.0817

Details

The XYZ color **40.5965, 39.9324, 37.4663** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1321, 44.7518, 55.2384**, and the grayscale version is **38.7248, 40.7415, 44.3675**.

A 20% lighter version of the original color is **75.5730, 75.1907, 72.8175**, and **18.5490, 17.8632, 16.1060** is the 20% darker color. If you saturate the color by 10%, you get **36.5762, 34.2889, 28.7358**, and if you desaturate by 10%, it is **45.1865, 46.3110, 47.6322**.

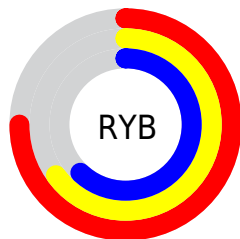
Distribution



Red (75%)

Green (64%)

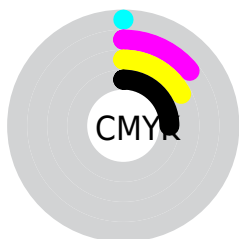
Blue (62%)



Red (75%)

Yellow (65%)

Blue (62%)

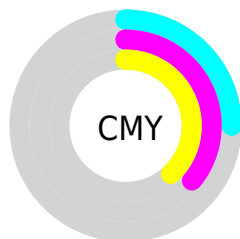


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5965, 39.9324, 37.4663 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 40.5965, 39.9324, 37.4663 by changing the saturation by 10% instead.


 40.5965, 39.9324,
37.4663


 40.5965, 39.9324,
37.4663


339.7228,
345.8386, 350.5543

 28.1902, 27.4858,
25.2701


 75.3496, 75.0606,
72.4837

 18.6103, 17.9384,
16.0576


 98.4271, 98.5110,
96.1420

 11.4913, 10.9058,
9.4101


125.7923,
126.3981, 124.4581

 6.4681, 6.0035,
4.9092

157.8107,
159.1063, 157.8505

 3.1751, 2.8472,
2.1363

194.8476,
197.0201, 196.7378

 1.2470, 1.0525,
0.6372

237.2684,

 0.1430, 0.0000,

240.5238, 241.5385

0.0000

285.4383,
290.0018, 292.6711

0.0000, 0.0000,
0.0000

40.5965, 39.9324,
37.4663

40.5965, 39.9324,
37.4663

36.5762, 34.2889,
28.7358

45.1865, 46.3110,
47.6322

33.0999, 29.3485,
21.3733

50.3643, 53.4443,
59.2918

30.1446, 25.0852,
15.3100

56.1510, 61.3580,
72.5030

27.6844, 21.4690,
10.4695

62.5658, 70.0749,
87.3201

25.6911, 18.4675,
6.7680

69.6269, 79.6168,
103.7946

■ 24.1335, 16.0458,
4.1107

■ 74.6672, 88.9308,
107.8377

■ 22.9761, 14.1649,
2.3873

■ 75.0454, 89.6872,
107.9638

■ 22.1733, 12.7792,
1.4416

■ 22.0052, 12.4868,
1.2504

Harmonies

Analogous

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



41.3926, 39.9324, 41.7340



40.5965, 39.9324, 37.4663



39.1004, 39.9324, 34.9420

Triad

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



40.5965, 39.9324, 37.4663



34.8429, 39.9324, 40.3106



38.5757, 39.9324, 53.7611

Complementary

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



40.5965, 39.9324, 37.4663



40.1321, 44.7518, 55.2384

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.



36.8313, 39.9324, 53.3056



40.5965, 39.9324, 37.4663



34.7123, 39.9324, 45.2731

Square

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



40.5965, 39.9324, 37.4663



35.7923, 39.9324, 36.4939



35.4298, 39.9324, 50.1042



40.2022, 39.9324, 51.3043

Rectangle

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



40.5965, 39.9324, 37.4663



37.9260, 39.9324, 34.4615



35.4298, 39.9324, 50.1042



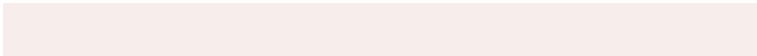
37.9832, 39.9324, 53.9479

Sweetspot

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



40.5976, 39.9342, 37.4671



83.9345, 86.7556, 90.9057



41.8816, 38.4972, 50.2421



18.2898, 18.8554, 19.6451



92.9021, 97.7402, 106.4391



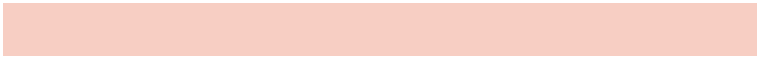
19.4759, 20.4902, 22.3138

Same Dimension

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



40.5976, 39.9342, 37.4671



70.5528, 68.1466, 61.3061



43.6629, 46.0649, 38.4889



9.6899, 9.8558, 9.9683



14.6796, 8.3979, 0.8473



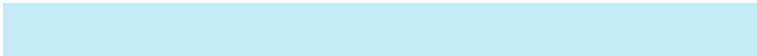
0.6236, 0.4261, 0.0494

Inverse Universe

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



40.1321, 44.7518, 55.2384



69.5428, 78.5722, 99.7798



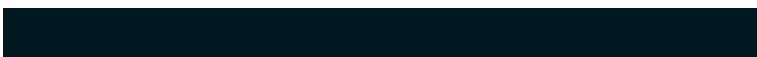
36.9998, 38.4871, 54.1943



9.6321, 10.4564, 12.1828



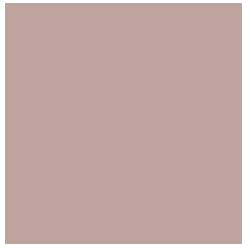
13.4565, 17.0247, 34.9698



0.5709, 0.7545, 1.3844

Previews

White Background



This preview shows how the XYZ color 40.5965, 39.9324, 37.4663 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 40.5965, 39.9324, 37.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

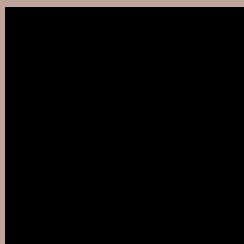
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5965, 39.9324, 37.4663

Background



This preview shows how black text looks on a background with the XYZ color 40.5965, 39.9324, 37.4663.



This preview shows how white text looks on a background with the XYZ color 40.5965, 39.9324,

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

40.5965, 39.9324, 37.4663

Protanopia

38.2123, 40.0280, 38.9699

Deuteranopia

40.8471, 40.0616, 37.4781



Tritanopia

42.1231, 39.7522, 45.4972

Trichromacy



Original Color

40.5965, 39.9324, 37.4663

Protanomaly

38.8991, 39.8439, 38.4413

Deuteranomaly

40.8471, 40.0616, 37.4781

Tritanomaly

41.4741, 39.7442, 42.5313

Monochromacy



Original Color

40.5965, 39.9324, 37.4663

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2457, 40.2234, 41.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5965, 39.9324, 37.4663 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(190, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(190, 164, 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(190, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 164, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.5965, 39.9324, 37.4663 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(190, 164, 157) }
```


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

```
.border{ border-color:rgb(190, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(190, 164,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5965, 39.9324, 37.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 164, 157) }
```

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

```
.background{ background-color: rgb(190,  
164, 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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