

Converting Colors

XYZ(41.0707, 41.3558, 37.5474)

Have a look what the booklet for
XYZ(41.0707, 41.3558, 37.5474)
contains.

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Color

**XYZ(41.0747, 41.2584,
37.6971)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA89D
RGB	189, 168, 157
RGB Percent	74%, 66%, 62%
CMY	0.2588, 0.3412, 0.3843
CMYK	0.00, 0.11, 0.17, 0.26
HSL	21°, 20%, 68%
HSV	21°, 17%, 74%
XYZ	41.0747, 41.2584, 37.6971
YIQ	173.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

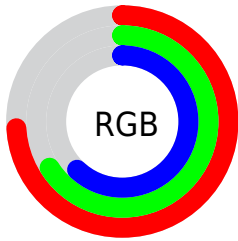
Format	Color
RYB	189, 174, 157
Decimal	12429469
CIELab	70.36, 5.79, 8.45
CIELCh	70, 10.249, 55.577
Yxy	41.2584, 0.3422, 0.3437
Android (android.graphics.Color)	4290619549 (0xFFBDA89D)
YUV	173.0250, -7.9003, 14.0101
Hunter-Lab	64.2327, 1.7376, 10.1666

Details

The XYZ color **41.0747, 41.2584, 37.6971** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0101, 42.6821, 54.3269**, and the grayscale version is **39.7674, 41.8384, 45.5621**.

A 20% lighter version of the original color is **75.9275, 76.9413, 73.1367**, and **18.8386, 18.6823, 16.2488** is the 20% darker color. If you saturate the color by 10%, you get **37.4033, 36.3009, 29.1186**, and if you desaturate by 10%, it is **45.2164, 46.7561, 47.6648**.

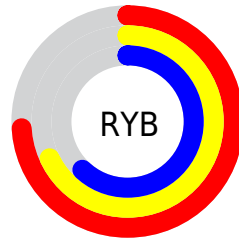
Distribution



Red (74%)

Green (66%)

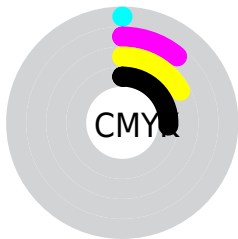
Blue (62%)



Red (74%)

Yellow (68%)

Blue (62%)

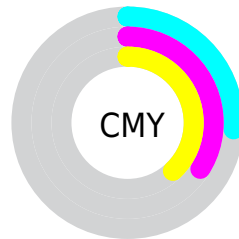


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0747, 41.2584, 37.6971 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 41.0747, 41.2584, 37.6971 by changing the saturation by 10% instead.


 41.0747, 41.2584,
37.6971


 41.0747, 41.2584,
37.6971


341.6900,
351.3994, 351.5780

 28.5654, 28.5210,
25.4477


 76.0713, 77.0760,
72.8419

 18.8949, 18.7188,
16.1889


 99.2892, 100.9250,
96.5744

 11.6979, 11.4673,
9.5021


126.8075,
129.2468, 124.9716

 6.6091, 6.3821,
4.9688

158.9913,
162.4256, 158.4521

 3.2630, 3.0788,
2.1706

196.2061,
200.8458, 197.4344

 1.2943, 1.1730,
0.6573

238.8173,

 0.1790, 0.0395,

244.8920, 242.3372

0.0000

287.1901,
294.9484, 293.5788

■ 0.0000, 0.0000,
0.0000

■ 41.0747, 41.2584,
37.6971

■ 41.0747, 41.2584,
37.6971

■ 37.4033, 36.3009,
29.1186

■ 45.2164, 46.7561,
47.6648

■ 34.1812, 31.8615,
21.8645

■ 49.8416, 52.8046,
59.0775

■ 31.3909, 27.9242,
15.8686

■ 54.9670, 59.4208,
71.9909

■ 29.0124, 24.4704,
11.0578

■ 60.6076, 66.6195,
86.4572

■ 27.0237, 21.4802,
7.3516

■ 66.7777, 74.4147,
102.5258

■ 25.4007, 18.9319,
4.6592

■ 70.9110, 81.7880,
106.6570

■ 24.1158, 16.8020,
2.8750

■ 74.7364, 89.4389,
107.9322

■ 23.1338, 15.0628,
1.8547

■ 74.7964, 89.5589,
107.9521

■ 22.8761, 14.5984,
1.6121

Harmonies

Analogous

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



42.2099, 41.2584, 41.0361



41.0747, 41.2584, 37.6971



39.4652, 41.2584, 36.2942

Triad

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



41.0747, 41.2584, 37.6971



36.0731, 41.2584, 44.2117



40.6300, 41.2584, 53.8218

Complementary

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



41.0747, 41.2584, 37.6971



39.0101, 42.6821, 54.3269

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.



38.9656, 41.2584, 54.8222



41.0747, 41.2584, 37.6971



36.3650, 41.2584, 49.0488

Square

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



41.0747, 41.2584, 37.6971



36.6030, 41.2584, 39.8805



37.4120, 41.2584, 53.0187



41.9481, 41.2584, 50.3745

Rectangle

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



41.0747, 41.2584, 37.6971



38.3514, 41.2584, 36.5664



37.4120, 41.2584, 53.0187



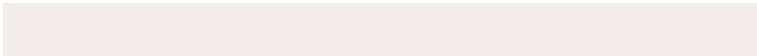
40.0912, 41.2584, 54.4654

Sweetspot

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



41.0758, 41.2602, 37.6980



82.4489, 85.6692, 88.9519



41.1131, 38.1611, 47.4945



17.6098, 18.2644, 18.8338



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.



41.0758, 41.2602, 37.6980



71.2448, 70.7802, 62.0361



44.1438, 47.3962, 38.7206



9.7912, 10.0584, 10.0020



15.4564, 9.9517, 1.1062



0.6674, 0.5137, 0.0640

Inverse Universe

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



39.0101, 42.6821, 54.3269



66.9079, 73.7619, 96.9373



36.0696, 36.8011, 53.3467



9.5248, 10.2420, 12.1471



11.1039, 12.3195, 34.1856



0.4936, 0.5999, 1.3586

Previews

White Background



This preview shows how the XYZ color 41.0747, 41.2584, 37.6971 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 41.0747, 41.2584, 37.6971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

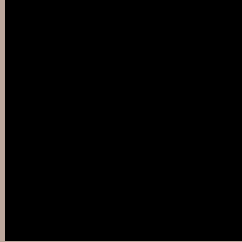
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0747, 41.2584, 37.6971

Background



This preview shows how black text looks on a background with the XYZ color 41.0747, 41.2584, 37.6971.



This preview shows how white text looks on a background with the XYZ color 41.0747, 41.2584,

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

41.0747, 41.2584, 37.6971

Protanopia

39.3706, 41.4732, 38.7310

Deuteranopia

41.9702, 41.1761, 37.6340



Tritanopia

43.2292, 41.3311, 47.8188

Trichromacy



Original Color

41.0747, 41.2584, 37.6971

Protanomaly

40.0259, 41.5395, 38.2561

Deuteranomaly

41.6427, 41.2782, 37.6710

Tritanomaly

42.3778, 41.2511, 43.7589

Monochromacy



Original Color

41.0747, 41.2584, 37.6971

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1284, 41.4995, 42.4544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0747, 41.2584, 37.6971 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, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 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(189, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.0747, 41.2584, 37.6971 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, 168, 157) }
```


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

```
.border{ border-color:rgb(189, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0747, 41.2584, 37.6971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 157) }
```

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

```
.background{ background-color: rgb(189,  
168, 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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