

Converting Colors

XYZ(37.2541, 38.9710, 37.5081)

Have a look what the booklet for
XYZ(37.2541, 38.9710, 37.5081)
contains.

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Color

**XYZ(37.3601, 39.0704,
37.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA79D
RGB	174, 167, 157
RGB Percent	68%, 65%, 62%
CMY	0.3176, 0.3451, 0.3843
CMYK	0.00, 0.04, 0.10, 0.32
HSL	35°, 9%, 65%
HSV	35°, 10%, 68%
XYZ	37.3601, 39.0704, 37.4705
YIQ	167.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

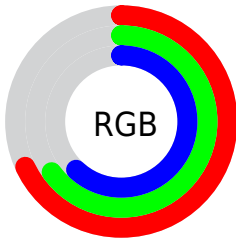
Format	Color
RYB	169, 174, 157
Decimal	11446173
CIELab	68.80, 0.74, 6.06
CIELCh	69, 6.101, 83.069
Yxy	39.0704, 0.3280, 0.3430
Android (android.graphics.Color)	4289636253 (0xFFAEA79D)
YUV	167.9530, -5.3998, 5.3032
Hunter-Lab	62.5063, -2.6964, 8.2120

Details

The XYZ color **37.3601, 39.0704, 37.4705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8200, 36.7745, 45.3079**, and the grayscale version is **37.2204, 39.1587, 42.6439**.

A 20% lighter version of the original color is **70.6381, 73.8190, 72.8128**, and **16.7583, 17.4397, 16.1186** is the 20% darker color. If you saturate the color by 10%, you get **34.7036, 35.9676, 29.7704**, and if you desaturate by 10%, it is **40.3031, 42.4067, 46.3109**.

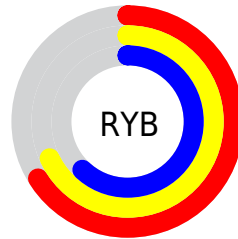
Distribution



Red (68%)

Green (65%)

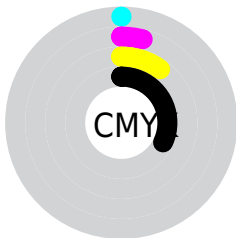
Blue (62%)



Red (66%)

Yellow (68%)

Blue (62%)

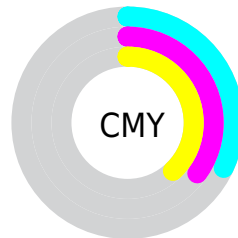


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3601, 39.0704, 37.4705 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 37.3601, 39.0704, 37.4705 by changing the saturation by 10% instead.

■ 37.3601, 39.0704,
37.4705

■ 37.3601, 39.0704,
37.4705

326.1955,
342.1897, 350.5729

■ 25.6614, 26.8145,
25.2734

■ 70.4365, 73.7459,
72.4902

■ 16.7018, 17.4340,
16.0600

■ 92.5449, 96.9342,
96.1499

■ 10.1161, 10.5444,
9.4118

118.8539,
124.5355, 124.4674

■ 5.5389, 5.7614,
4.9103

149.7289,
156.9341, 157.8615

■ 2.6047, 2.7005,
2.1369

185.5352,
194.5144, 196.7505

■ 0.9484, 0.9775,
0.6376

226.6381,

■ 0.0000, 0.0000,

237.6609, 241.5530

0.0000

273.4031,
286.7578, 292.6877

■ 37.3601, 39.0704,
37.4705

■ 37.3601, 39.0704,
37.4705

■ 34.7036, 35.9676,
29.7704

■ 40.3031, 42.4067,
46.3109

■ 32.3202, 33.0871,
23.1607

■ 43.5387, 45.9768,
56.3335

■ 30.2003, 30.4245,
17.5918

■ 47.0772, 49.7879,
67.5813

■ 28.3324, 27.9733,
13.0090

■ 50.9272, 53.8453,
80.0941

■ 26.7040, 25.7263,
9.3527

■ 55.0968, 58.1537,
93.9102

■ 25.3012, 23.6761,
6.5566

■ 58.5459, 62.2990,
103.5470

■ 24.1086, 21.8143,
4.5457

■ 60.3535, 65.9143,
104.1495

■ 23.1082, 20.1315,
3.2316

■ 62.2413, 69.6899,
104.7788

■ 22.2636, 18.6108,
2.4303

■ 64.2102, 73.6277,
105.4351

Harmonies

Analogous

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



38.2638, 39.0704, 38.4245



37.3601, 39.0704, 37.4705



36.4114, 39.0704, 37.8272

Triad

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



37.3601, 39.0704, 37.4705



35.4506, 39.0704, 44.6620



38.6415, 39.0704, 45.8217

Complementary

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



37.3601, 39.0704, 37.4705



34.8200, 36.7745, 45.3079

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.



37.8686, 39.0704, 47.6311



37.3601, 39.0704, 37.4705



36.0291, 39.0704, 46.9415

Square

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



37.3601, 39.0704, 37.4705



35.3198, 39.0704, 41.9016



36.9113, 39.0704, 48.0495



39.0119, 39.0704, 43.1869

Rectangle

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



37.3601, 39.0704, 37.4705



35.8799, 39.0704, 38.7680



36.9113, 39.0704, 48.0495



38.4196, 39.0704, 46.5512

Sweetspot

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



37.3612, 39.0721, 37.4713



71.2952, 74.8883, 78.5057



36.2214, 35.7965, 40.1623



15.7502, 16.5364, 17.1593



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.3612, 39.0721, 37.4713



66.5445, 69.4587, 64.3693



38.3640, 41.5438, 37.8956



8.3821, 8.7690, 8.4642



16.1938, 13.5931, 1.7702



0.5027, 0.4825, 0.0666

Inverse Universe

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



34.8200, 36.7745, 45.3079



60.8775, 64.3349, 81.8462



33.8801, 34.4819, 44.9149



7.8395, 8.2784, 10.1374



7.2598, 5.6534, 29.7531



0.2567, 0.2667, 0.8459

Previews

White Background



This preview shows how the XYZ color 37.3601, 39.0704, 37.4705 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 37.3601, 39.0704, 37.4705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

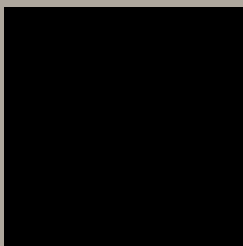
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

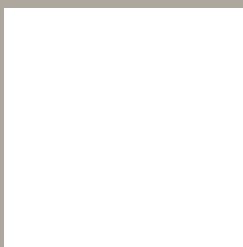
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3601, 39.0704, 37.4705

Background



This preview shows how black text looks on a background with the XYZ color 37.3601, 39.0704, 37.4705.



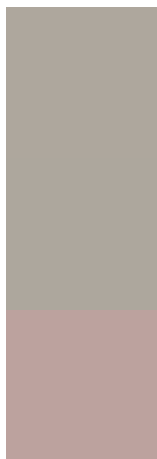
This preview shows how white text looks on a background with the XYZ color 37.3601, 39.0704,

37.4705.

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

37.3601, 39.0704, 37.4705

Protanopia

37.1381, 38.9560, 37.4602

Deuteranopia

39.8309, 39.0006, 37.7763



Tritanopia

39.3427, 39.0724, 47.0631

Trichromacy



Original Color

37.3601, 39.0704, 37.4705

Protanomaly

37.1381, 38.9560, 37.4602

Deuteranomaly

38.9755, 39.0868, 37.8380

Tritanomaly

38.6153, 39.0427, 43.5309

Monochromacy



Original Color

37.3601, 39.0704, 37.4705

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2810, 39.2316, 40.7295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3601, 39.0704, 37.4705 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(174, 167, 157)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 167, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.3601, 39.0704, 37.4705 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(174, 167, 157) }
```


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

```
.border{ border-color:rgb(174, 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(174, 167, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 167, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 167, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 167,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3601, 39.0704, 37.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 167, 157) }
```

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

```
.background{ background-color: rgb(174,  
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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