

Converting Colors

XYZ(37.3237, 37.6348, 39.5307)

Have a look what the booklet for
XYZ(37.3237, 37.6348, 39.5307)
contains.

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Color

**XYZ(37.3464, 37.6794,
39.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A2A2
RGB	176, 162, 162
RGB Percent	69%, 64%, 64%
CMY	0.3098, 0.3647, 0.3647
CMYK	0.00, 0.08, 0.08, 0.31
HSL	0°, 8%, 66%
HSV	0°, 8%, 69%
XYZ	37.3464, 37.6794, 39.4869
YIQ	166.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

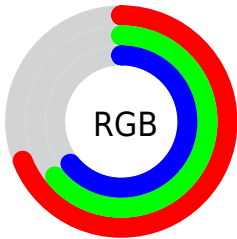
Format	Color
RYB	176, 162, 162
Decimal	11575970
CIELab	67.78, 5.08, 1.83
CIELCh	68, 5.401, 19.804
Yxy	37.6794, 0.3261, 0.3290
Android (android.graphics.Color)	4289766050 (0xFFB0A2A2)
YUV	166.1860, -2.0637, 8.6069
Hunter-Lab	61.3835, 1.1801, 4.8283

Details

The XYZ color **37.3464, 37.6794, 39.4869** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2620, 41.8659, 47.1390**, and the grayscale version is **36.3432, 38.2358, 41.6388**.

A 20% lighter version of the original color is **70.6160, 71.7913, 75.7809**, and **16.5588, 16.4886, 17.0617** is the 20% darker color. If you saturate the color by 10%, you get **33.0046, 31.3265, 30.8537**, and if you desaturate by 10%, it is **42.3430, 44.9907, 49.4197**.

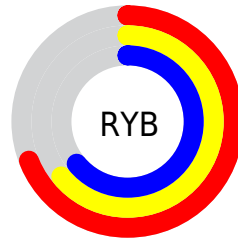
Distribution



Red (69%)

Green (64%)

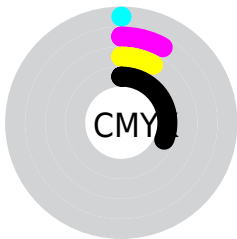
Blue (64%)



Red (69%)

Yellow (64%)

Blue (64%)

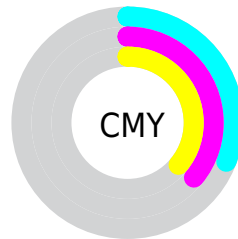


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3464, 37.6794, 39.4869 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 37.3464, 37.6794, 39.4869 by changing the saturation by 10% instead.


 37.3464, 37.6794,
39.4869


 37.3464, 37.6794,
39.4869


326.1374,
336.2427, 359.4437

 25.6507, 25.7340,
26.8280


 70.4156, 71.6165,
75.6101

 16.6938, 16.6247,
17.2128


 92.5198, 94.3769,
99.9114

 10.1104, 9.9673,
10.2228

118.8243,
121.5111, 128.9306

 5.5350, 5.3773,
5.4394

149.6943,
153.4035, 163.0862

 2.6024, 2.4703,
2.4441

185.4953,
190.4384, 202.7968

 0.9472, 0.8617,
0.8103

226.5926,

 0.0000, 0.0000,

233.0004, 248.4809

0.0000

273.3515,
281.4736, 300.5570

■ 37.3464, 37.6794,
39.4869

■ 37.3464, 37.6794,
39.4869

■ 33.0046, 31.3265,
30.8537

■ 42.3430, 44.9907,
49.4197

■ 29.2876, 25.8876,
23.4639

■ 48.0167, 53.2925,
60.7001

■ 26.1675, 21.3221,
17.2612

■ 54.3926, 62.6217,
73.3767

■ 23.6133, 17.5845,
12.1836

■ 61.4935, 73.0116,
87.4949

■ 21.5911, 14.6253,
8.1637

■ 69.3412, 84.4943,
103.0981

■ 20.0633, 12.3896,
5.1269

■ 71.7147, 87.9702,
107.8079

■ 18.9876, 10.8154,
2.9890

■ 18.3144, 9.8301,
1.6514

■ 17.9639, 9.3171,
0.9550

Harmonies

Analogous

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



37.4181, 37.6794, 41.8465



37.3464, 37.6794, 39.4869



36.8603, 37.6794, 37.6106

Triad

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



37.3464, 37.6794, 39.4869



34.5997, 37.6794, 38.1274



35.5294, 37.6794, 45.7246

Complementary

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



37.3464, 37.6794, 39.4869



38.2620, 41.8659, 47.1390

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.



34.7860, 37.6794, 44.6431



37.3464, 37.6794, 39.4869



34.2548, 37.6794, 40.2172

Square

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



37.3464, 37.6794, 39.4869



35.2715, 37.6794, 36.8471



34.3224, 37.6794, 42.6055



36.3603, 37.6794, 45.5105

Rectangle

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



37.3464, 37.6794, 39.4869



36.3708, 37.6794, 36.8571



34.3224, 37.6794, 42.6055



35.2612, 37.6794, 45.4990

Sweetspot

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



37.3475, 37.6811, 39.4877



72.9524, 75.9741, 81.9893



38.6618, 38.2059, 46.4115



15.8320, 16.4970, 17.8122



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.



37.3475, 37.6811, 39.4877



65.8856, 65.6338, 67.9395



38.6145, 40.2152, 39.9101



8.4965, 8.5056, 8.8465



13.1372, 6.7730, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



38.2620, 41.8659, 47.1390



67.9758, 75.1987, 85.4274



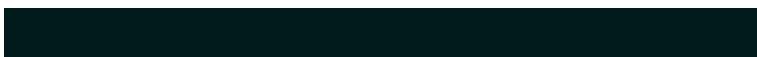
36.9252, 39.1924, 46.6934



8.7425, 9.6312, 10.9046



17.1354, 25.0711, 34.0731



0.5392, 0.7889, 1.0721

Previews

White Background



This preview shows how the XYZ color 37.3464, 37.6794, 39.4869 looks on a white background.

Color Contrast Check

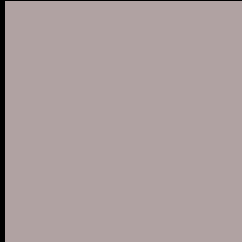
Large Text (above 18pt) WCAG AA × Fail

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 37.3464, 37.6794, 39.4869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

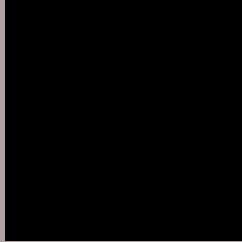
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3464, 37.6794, 39.4869

Background



This preview shows how black text looks on a background with the XYZ color 37.3464, 37.6794, 39.4869.



This preview shows how white text looks on a background with the XYZ color 37.3464, 37.6794,

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

37.3464, 37.6794, 39.4869

Protanopia

36.0348, 37.5201, 39.9932

Deuteranopia

38.3838, 37.6953, 39.4353



Tritanopia

38.4737, 37.6237, 44.7695

Trichromacy



Original Color

37.3464, 37.6794, 39.4869

Protanomaly

36.5026, 37.4967, 39.9640

Deuteranomaly

38.0888, 37.8017, 39.4714

Tritanomaly

38.0378, 37.7014, 42.8084

Monochromacy



Original Color

37.3464, 37.6794, 39.4869

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8242, 38.1729, 41.0246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3464, 37.6794, 39.4869 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(176, 162, 162) looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 162)  
}
```

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(176, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.3464, 37.6794, 39.4869 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(176, 162, 162) }
```


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

```
.border{ border-color:rgb(176, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3464, 37.6794, 39.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 162) }
```

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

```
.background{ background-color: rgb(176,  
162, 162) }
```

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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