

Converting Colors

XYZ(37.6751, 39.3543, 31.9960)

Have a look what the booklet for
XYZ(37.6751, 39.3543, 31.9960)
contains.

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Color

**XYZ(37.6751, 39.3543,
31.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A790
RGB	180, 167, 144
RGB Percent	71%, 65%, 56%
CMY	0.2941, 0.3451, 0.4353
CMYK	0.00, 0.07, 0.20, 0.29
HSL	38°, 19%, 64%
HSV	38°, 20%, 71%
XYZ	37.6751, 39.3543, 31.9960
YIQ	168.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

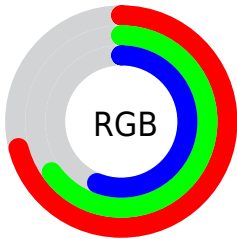
Format	Color
RYB	164, 180, 144
Decimal	11839376
CIELab	69.01, 0.88, 13.60
CIElCh	69, 13.626, 86.299
Yxy	39.3543, 0.3456, 0.3610
Android (android.graphics.Color)	4290029456 (0xFFB4A790)
YUV	168.2650, -11.9626, 10.2916
Hunter-Lab	62.7330, -2.5823, 13.6732

Details

The XYZ color **37.6751, 39.3543, 31.9960** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7966, 33.3377, 47.9392**, and the grayscale version is **37.4022, 39.3500, 42.8522**.

A 20% lighter version of the original color is **70.9064, 74.1526, 64.0018**, and **16.9035, 17.5816, 13.0924** is the 20% darker color. If you saturate the color by 10%, you get **35.2472, 36.5273, 24.9318**, and if you desaturate by 10%, it is **40.3843, 42.3923, 40.2371**.

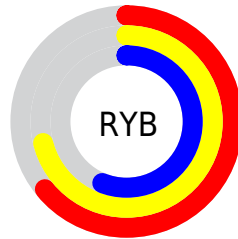
Distribution



Red (71%)

Green (65%)

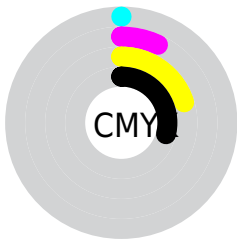
Blue (56%)



Red (64%)

Yellow (71%)

Blue (56%)

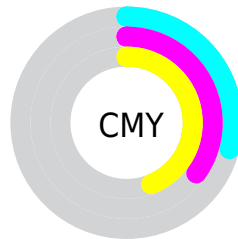


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6751, 39.3543, 31.9960 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 37.6751, 39.3543, 31.9960 by changing the saturation by 10% instead.

■ 37.6751, 39.3543,
31.9960

■ 37.6751, 39.3543,
31.9960

327.5292,
343.3945, 325.5932

■ 25.9067, 27.0355,
21.0937

■ 70.9170, 74.1793,
63.9027

■ 16.8862, 17.5999,
13.0006

■ 93.1212, 97.4542,
85.7440

■ 10.2482, 10.6631,
7.2982

119.5347,
125.1499, 112.0688

■ 5.6273, 5.8408,
3.5680

150.5228,
157.6508, 143.2956

■ 2.6583, 2.7485,
1.3915

186.4510,
195.3413, 179.8429

■ 0.9758, 1.0019,
0.1351

227.6846,

■ 0.0000, 0.0000,

238.6059, 222.1292

0.0000

274.5888,
287.8288, 270.5732

■ 37.6751, 39.3543,
31.9960

■ 37.6751, 39.3543,
31.9960

■ 35.2472, 36.5273,
24.9318

■ 40.3843, 42.3923,
40.2371

■ 33.0863, 33.9000,
18.9872

■ 43.3822, 45.6415,
49.7040

■ 31.1812, 31.4680,
14.1036

■ 46.6799, 49.1090,
60.4457

■ 29.5188, 29.2245,
10.2162

■ 50.2866, 52.7999,
72.5078

■ 28.0846, 27.1623,
7.2528

■ 54.2115, 56.7190,
85.9337

■ 26.8621, 25.2731,
5.1316

■ 58.4631, 60.8711,
100.7647

■ 25.8321, 23.5479,
3.7560

■ 60.5390, 64.2564,
103.8197

■ 24.9554, 21.9692,
2.9252

■ 62.2013, 67.5809,
104.3738

■ 24.9554, 21.9691,
2.9252

■ 63.9297, 71.0378,
104.9500

Harmonies

Analogous

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



39.7686, 39.3543, 33.6565



37.6751, 39.3543, 31.9960



35.5865, 39.3543, 33.0040

Triad

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



37.6751, 39.3543, 31.9960



33.7873, 39.3543, 48.3663



40.9854, 39.3543, 49.8294

Complementary

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



37.6751, 39.3543, 31.9960



31.7966, 33.3377, 47.9392

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.



39.2846, 39.3543, 54.4823



37.6751, 39.3543, 31.9960



35.1371, 39.3543, 53.5819

Square

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



37.6751, 39.3543, 31.9960



33.3934, 39.3543, 42.0833



37.1364, 39.3543, 55.9173



41.7259, 39.3543, 43.6262

Rectangle

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



37.6751, 39.3543, 31.9960



34.4685, 39.3543, 35.1120



37.1364, 39.3543, 55.9173



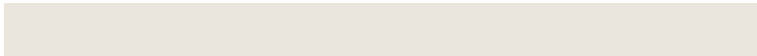
40.5039, 39.3543, 51.6490

Sweetspot

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



37.6761, 39.3561, 31.9968



75.2798, 79.1153, 79.3777



34.8989, 32.0915, 36.3432



16.1969, 17.0193, 16.9245



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.6761, 39.3561, 31.9968



66.3106, 69.0523, 52.1090



39.0797, 43.7935, 32.7794



8.9339, 9.3803, 8.9922



17.4827, 15.4639, 2.0634



0.6030, 0.5924, 0.0826

Inverse Universe

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



31.7966, 33.3377, 47.9392



53.7023, 56.1483, 86.3019



30.5699, 29.6131, 47.2849



8.2847, 8.7157, 10.7520



7.1271, 5.0546, 30.7370



0.2808, 0.2722, 0.9860

Previews

White Background



This preview shows how the XYZ color 37.6751, 39.3543, 31.9960 looks on a white background.

Color Contrast Check

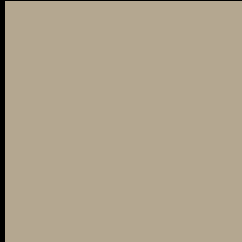
Large Text (above 18pt) WCAG AA × Fail

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 37.6751, 39.3543, 31.9960 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 37.6751, 39.3543, 31.9960

Background



This preview shows how black text looks on a background with the XYZ color 37.6751, 39.3543, 31.9960.



This preview shows how white text looks on a background with the XYZ color 37.6751, 39.3543,

31.9960.

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

37.6751, 39.3543, 31.9960

Protanopia

37.1681, 39.3660, 32.0250

Deuteranopia

40.0235, 39.2225, 32.2493



Tritanopia

40.6022, 39.4799, 46.0379

Trichromacy



Original Color

37.6751, 39.3543, 31.9960

Protanomaly

37.3968, 39.4839, 32.0357

Deuteranomaly

39.1253, 39.2866, 32.3090

Tritanomaly

39.5047, 39.2985, 40.6252

Monochromacy



Original Color

37.6751, 39.3543, 31.9960

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2739, 39.2791, 38.4180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6751, 39.3543, 31.9960 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(180, 167, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 144)  
}
```

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(180, 167, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.6751, 39.3543, 31.9960 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(180, 167, 144) }
```


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

```
.border{ border-color:rgb(180, 167, 144) }
```

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

Here you see how a box with a 4 pixel rgb(180, 167, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6751, 39.3543, 31.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 144) }
```

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

```
.background{ background-color: rgb(180,  
167, 144) }
```

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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