

Converting Colors

XYZ(37.5101, 37.5276, 35.6584)

Have a look what the booklet for
XYZ(37.5101, 37.5276, 35.6584)
contains.

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Color

**XYZ(37.6337, 37.6466,
35.8549)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A19A
RGB	181, 161, 154
RGB Percent	71%, 63%, 60%
CMY	0.2902, 0.3686, 0.3961
CMYK	0.00, 0.11, 0.15, 0.29
HSL	16°, 15%, 66%
HSV	16°, 15%, 71%
XYZ	37.6337, 37.6466, 35.8549
YIQ	166.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

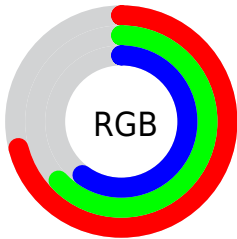
Format	Color
RYB	181, 163, 154
Decimal	11903386
CIELab	67.76, 6.12, 6.30
CIELCh	68, 8.787, 45.825
Yxy	37.6466, 0.3386, 0.3387
Android (android.graphics.Color)	4290093466 (0xFFB5A19A)
YUV	166.1820, -6.0057, 12.9954
Hunter-Lab	61.3568, 2.1100, 8.3027

Details

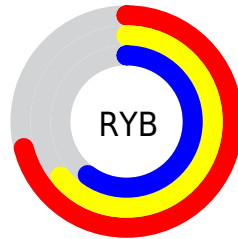
The XYZ color **37.6337, 37.6466, 35.8549** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8029, 40.4776, 49.5897**, and the grayscale version is **36.3577, 38.2512, 41.6555**.

A 20% lighter version of the original color is **70.8661, 71.6703, 69.7732**, and **16.8189, 16.5057, 15.1314** is the 20% darker color. If you saturate the color by 10%, you get **34.0203, 32.6529, 27.7653**, and if you desaturate by 10%, it is **41.7277, 43.2370, 45.2271**.

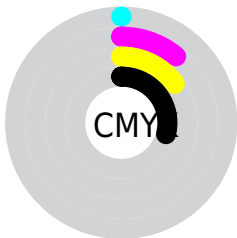
Distribution



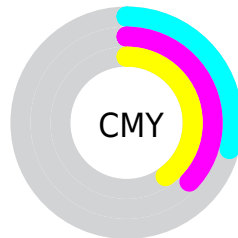
- Red (71%)
- Green (63%)
- Blue (60%)



- Red (71%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (29%)





- Cyan (29%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6337, 37.6466, 35.8549 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 37.6337, 37.6466, 35.8549 by changing the saturation by 10% instead.


 37.6337, 37.6466,
35.8549


 37.6337, 37.6466,
35.8549

327.3541,
336.1015, 343.3441

 25.8744, 25.7085,
24.0333


 70.8539, 71.5661,
69.9746

 16.8619, 16.6057,
15.1459


 93.0455, 94.3164,
93.1098

 10.2308, 9.9538,
8.7741


119.4453,
121.4395, 120.8533

 5.6157, 5.3683,
4.4993

150.4186,
153.3198, 153.6236

 2.6513, 2.4649,
1.9031

186.3308,
190.3418, 191.8393

 0.9721, 0.8590,
0.4947

227.5472,

 0.0000, 0.0000,

232.8898, 235.9189

0.0000

274.4332,
281.3483, 286.2810

■ 37.6337, 37.6466,
35.8549

■ 37.6337, 37.6466,
35.8549

■ 34.0203, 32.6529,
27.7653

■ 41.7277, 43.2370,
45.2271

■ 30.8664, 28.2310,
20.8999

■ 46.3163, 49.4378,
55.9320

■ 28.1538, 24.3616,
15.1993

■ 51.4166, 56.2688,
68.0202

■ 25.8618, 21.0225,
10.5979

■ 57.0441, 63.7473,
81.5387

■ 23.9683, 18.1899,
7.0241

■ 63.2136, 71.8898,
96.5323

■ 22.4484, 15.8380,
4.3971

■ 68.6908, 80.2130,
106.4700

■ 21.2747, 13.9386,
2.6244

■ 72.8157, 88.4627,
107.8450

■ 20.4148, 12.4603,
1.5933

■ 72.8662, 88.5639,
107.8618

■ 20.0707, 11.8527,
1.2300

Harmonies

Analogous

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



38.3550, 37.6466, 38.9839



37.6337, 37.6466, 35.8549



36.4256, 37.6466, 34.1555

Triad

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



37.6337, 37.6466, 35.8549



33.3081, 37.6466, 39.1855



36.4992, 37.6466, 48.6195

Complementary

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



37.6337, 37.6466, 35.8549



36.8029, 40.4776, 49.5897

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.



35.1460, 37.6466, 48.6820



37.6337, 37.6466, 35.8549



33.3267, 37.6466, 43.0653

Square

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



37.6337, 37.6466, 35.8549



33.9406, 37.6466, 35.9944



33.9920, 37.6466, 46.5950



37.6887, 37.6466, 46.4293

Rectangle

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



37.6337, 37.6466, 35.8549



35.5175, 37.6466, 33.9883



33.9920, 37.6466, 46.5950



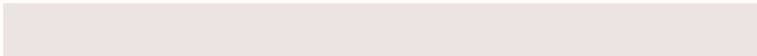
36.0478, 37.6466, 48.8945

Sweetspot

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



37.6347, 37.6483, 35.8557



75.3963, 78.3366, 82.5354



38.2765, 36.0013, 45.1043



16.1700, 16.7605, 17.5477



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.



37.6347, 37.6483, 35.8557



65.1175, 64.2820, 59.0612



40.0737, 42.5261, 36.6687



8.6696, 8.8518, 8.9042



13.8851, 8.2687, 0.8642



0.4851, 0.3567, 0.0433

Inverse Universe

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



36.8029, 40.4776, 49.5897



63.3311, 70.3519, 88.5360



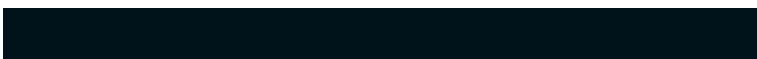
34.3687, 35.6092, 48.7783



8.5524, 9.2510, 10.8412



11.6901, 14.1805, 32.2580



0.4119, 0.5343, 1.0297

Previews

White Background



This preview shows how the XYZ color 37.6337, 37.6466, 35.8549 looks on a white background.

Color Contrast Check

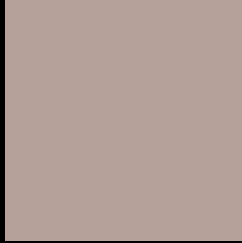
Large Text (above 18pt) WCAG AA × Fail

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 37.6337, 37.6466, 35.8549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

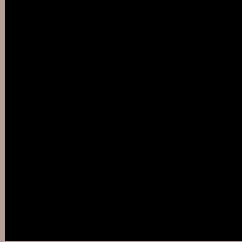
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6337, 37.6466, 35.8549

Background



This preview shows how black text looks on a background with the XYZ color 37.6337, 37.6466, 35.8549.



This preview shows how white text looks on a background with the XYZ color 37.6337, 37.6466,

35.8549.

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

37.6337, 37.6466, 35.8549

Protanopia

36.0334, 37.8566, 36.8604

Deuteranopia

38.2385, 37.4437, 35.7838



Tritanopia

39.1060, 37.4613, 43.6977

Trichromacy



Original Color

37.6337, 37.6466, 35.8549

Protanomaly

36.6474, 37.9161, 36.3974

Deuteranomaly

38.1707, 37.6651, 35.8301

Tritanomaly

38.4811, 37.4580, 40.7992

Monochromacy



Original Color

37.6337, 37.6466, 35.8549

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5916, 37.8175, 39.5533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6337, 37.6466, 35.8549 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(181, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 154)  
}
```

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(181, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 154) }
```

Border

The CSS property to change the border of an element to XYZ 37.6337, 37.6466, 35.8549 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(181, 161, 154) }
```


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

```
.border{ border-color:rgb(181, 161, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6337, 37.6466, 35.8549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 154) }
```

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

```
.background{ background-color: rgb(181,  
161, 154) }
```

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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