

Converting Colors

XYZ(37.6369, 31.3548, 35.9667)

Have a look what the booklet for
XYZ(37.6369, 31.3548, 35.9667)
contains.

XYZ(37.6369, 31.3548, 35.9667)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.6369, 31.3548,
35.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	C5869D
RGB	197, 134, 157
RGB Percent	77%, 53%, 62%
CMY	0.2274, 0.4745, 0.3843
CMYK	0.00, 0.32, 0.20, 0.23
HSL	338°, 35%, 65%
HSV	338°, 32%, 77%
XYZ	37.6369, 31.3548, 35.9667
YIQ	155.4590, 30.1650, 20.5090

Conversions

Conversions Part 2

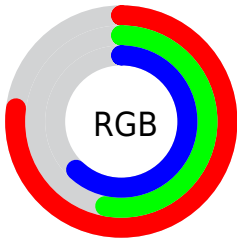
Format	Color
R_{YB}	197, 134, 157
Decimal	12945053
CIE _{Lab}	62.81, 27.48, -2.38
CIE _{LCh}	63, 27.587, 355.048
Yxy	31.3548, 0.3586, 0.2987
Android (android.graphics.Color)	4291135133 (0xFFC5869D)
YUV	155.4590, 0.7597, 36.4315
Hunter-Lab	55.9954, 21.9857, 1.1138

Details

The XYZ color **37.6369, 31.3548, 35.9667** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4391, 48.0578, 47.3495**, and the grayscale version is **31.3472, 32.9797, 35.9149**.

A 20% lighter version of the original color is **70.9811, 61.9296, 69.8405**, and **16.8501, 12.9779, 15.2526** is the 20% darker color. If you saturate the color by 10%, you get **34.1496, 26.0026, 29.8023**, and if you desaturate by 10%, it is **41.7425, 37.7680, 42.8773**.

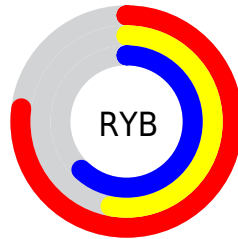
Distribution



Red (77%)

Green (53%)

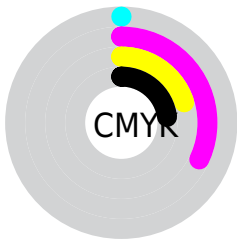
Blue (62%)



Red (77%)

Yellow (53%)

Blue (62%)

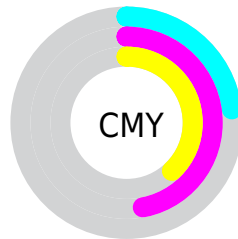


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6369, 31.3548, 35.9667 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 37.6369, 31.3548, 35.9667 by changing the saturation by 10% instead.


 37.6369, 31.3548,
35.9667


 37.6369, 31.3548,
35.9667


327.3676,
308.1696, 343.8480


 25.8769, 20.8692,
24.1190


 70.8588, 61.7982,
70.1491

 16.8638, 13.0284,
15.2089


 93.0513, 82.5248,
93.3209

 10.2321, 7.4481,
8.8179


 119.4522,
107.4339, 121.1045

 5.6166, 3.7439,
4.5274

150.4266,
136.9098, 153.9184

 2.6518, 1.5314,
1.9189

186.3401,
171.3369, 192.1812

 0.9724, 0.3106,
0.5047

227.5578,

 0.0000, 0.0000,

211.0996, 236.3113

0.0000

274.4452,
256.5824, 286.7274

■ 37.6369, 31.3548,
35.9667

■ 37.6369, 31.3548,
35.9667

■ 34.1496, 26.0026,
29.8023

■ 41.7425, 37.7680,
42.8773

■ 31.2466, 21.6493,
24.3557

■ 46.4929, 45.2912,
50.5576

■ 28.8941, 18.2330,
19.5991


■ 51.9163, 53.9755,
59.0319

■ 27.0541, 15.6831,
15.5018


■ 58.0383, 63.8676,
68.3232

■ 25.6831, 13.9188,
12.0305


■ 64.8832, 75.0116,
78.4533

 24.7296, 12.8436,
9.1481

 72.4741, 87.4494,
89.4432

 24.1930, 12.3372,
7.2223

 75.2008, 89.9563,
99.4358

 76.8362, 90.6104,
108.0476

Harmonies

Analogous

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



36.1582, 31.3548, 47.4929



37.6369, 31.3548, 35.9667



36.8759, 31.3548, 26.0709

Triad

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



37.6369, 31.3548, 35.9667



26.8321, 31.3548, 18.5535



25.8325, 31.3548, 54.1784

Complementary

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



37.6369, 31.3548, 35.9667



37.4391, 48.0578, 47.3495

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.



23.6957, 31.3548, 43.7229



37.6369, 31.3548, 35.9667



24.2377, 31.3548, 23.5587

Square

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



37.6369, 31.3548, 35.9667



30.4330, 31.3548, 17.3306



23.1373, 31.3548, 32.3763



29.1794, 31.3548, 59.3310

Rectangle

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



37.6369, 31.3548, 35.9667



35.2318, 31.3548, 21.4366



23.1373, 31.3548, 32.3763



24.9605, 31.3548, 51.0728

Sweetspot

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



37.6378, 31.3563, 35.9673



84.9496, 83.7964, 93.2102



36.0377, 30.0702, 56.7285



17.9006, 17.4859, 19.5043



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.6378, 31.3563, 35.9673



63.1624, 49.6192, 56.9774



37.0628, 33.0583, 26.9834



10.7912, 10.6999, 11.8839



15.9497, 8.1294, 4.9448



0.7900, 0.3988, 0.4172

Inverse Universe

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



37.6378, 31.3563, 35.9673



63.1624, 49.6192, 56.9774



38.0223, 45.3239, 59.5682



10.7912, 10.6999, 11.8839



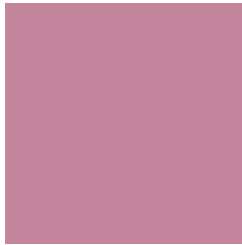
15.9497, 8.1294, 4.9448



0.7900, 0.3988, 0.4172

Previews

White Background



This preview shows how the XYZ color 37.6369, 31.3548, 35.9667 looks on a white background.

Color Contrast Check

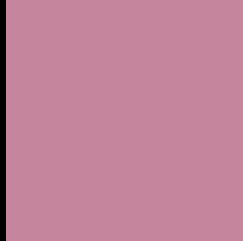
Large Text (above 18pt) WCAG AA × Fail

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 37.6369, 31.3548, 35.9667 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 37.6369, 31.3548, 35.9667

Background



This preview shows how black text looks on a background with the XYZ color 37.6369, 31.3548, 35.9667.



This preview shows how white text looks on a background with the XYZ color 37.6369, 31.3548,

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

37.6369, 31.3548, 35.9667

Protanopia

30.8042, 31.5025, 41.0163

Deuteranopia

32.2322, 31.6534, 35.4212



Tritanopia

36.7574, 31.4194, 31.3214

Trichromacy



Original Color

37.6369, 31.3548, 35.9667

Protanomaly

32.8847, 31.2200, 38.9432

Deuteranomaly

33.9547, 31.3923, 35.7222

Tritanomaly

36.9339, 31.2657, 32.9424

Monochromacy



Original Color

37.6369, 31.3548, 35.9667

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.0120, 31.8138, 35.8532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6369, 31.3548, 35.9667 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(197, 134, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 134, 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(197, 134, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 134, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.6369, 31.3548, 35.9667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

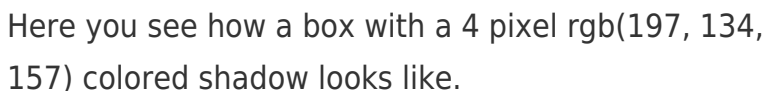
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 134, 157) }
```


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

```
.border{ border-color:rgb(197, 134, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 134, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 134, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 134, 157); box-shadow:4px 4px 4px 4px rgb(197, 134, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6369, 31.3548, 35.9667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 134, 157) }
```

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

```
.background{ background-color: rgb(197,  
134, 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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