

Converting Colors

XYZ(63.7156, 57.0115, 37.7831)

Have a look what the booklet for
XYZ(63.7156, 57.0115, 37.7831)
contains.

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Color

**XYZ(63.7177, 57.0158,
37.7839)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB699
RGB	255, 182, 153
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2862, 0.4000
CMYK	0.00, 0.29, 0.40, 0.00
HSL	17°, 100%, 80%
HSV	17°, 40%, 100%
XYZ	63.7177, 57.0158, 37.7839
YIQ	200.5210, 52.8170, 6.4570

Conversions

Conversions Part 2

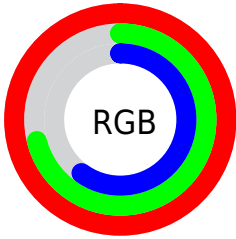
Format	Color
RYB	255, 194, 153
Decimal	16758425
CIELab	80.19, 22.99, 25.30
CIELCh	80, 34.187, 47.731
Yxy	57.0158, 0.4020, 0.3597
Android (android.graphics.Color)	4294948505 (0xFFFFB699)
YUV	200.5210, -23.4279, 47.7781
Hunter-Lab	75.5088, 18.4858, 23.1880

Details

The XYZ color **63.7177, 57.0158, 37.7839** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.3821, 68.3823, 104.7296**, and the grayscale version is **55.3396, 58.2216, 63.4033**.

A 20% lighter version of the original color is **83.0770, 86.9141, 71.4289**, and **33.0135, 28.3956, 16.3113** is the 20% darker color. If you saturate the color by 10%, you get **58.3357, 49.2698, 26.6859**, and if you desaturate by 10%, it is **70.0397, 65.9214, 51.4166**.

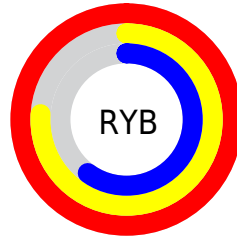
Distribution



Red (100%)

Green (71%)

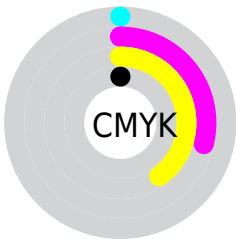
Blue (60%)



Red (100%)

Yellow (76%)

Blue (60%)

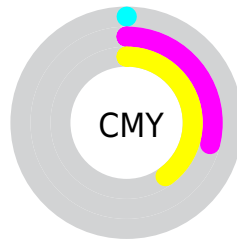


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7177, 57.0158, 37.7839 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 63.7177, 57.0158, 37.7839 by changing the saturation by 10% instead.


 63.7177, 57.0158,
37.7839


 63.7177, 57.0158,
37.7839


427.7879,
413.5085, 351.9624

 46.6829, 41.0179,
25.5145


 109.2803,
100.4882, 72.9765

 32.9919, 28.3331,
16.2383


 138.5388,
128.7316, 96.7368

 22.2795, 18.5769,
9.5367


172.6025,
161.8256, 125.1645

 14.1801, 11.3650,
4.9913

211.8369,
200.1546, 158.6781

 8.3286, 6.3129,
2.1835

256.6073,
244.1030, 197.6961

 4.3595, 3.0362,
0.6648

307.2790,

 1.9075, 1.1507,

294.0551, 242.6372

0.0000

364.2174,
350.3955, 293.9198

0.5812, 0.0209,
0.0000

0.0000, 0.0000,
0.0000

63.7177, 57.0158,
37.7839

63.7177, 57.0158,
37.7839

58.3357, 49.2698,
26.6859

70.0397, 65.9214,
51.4166

53.8417, 42.6262,
17.9607

77.3415, 76.0242,
67.7256

50.1851, 37.0350,
11.4327

85.6655, 87.3703,
86.8456

47.3075, 32.4389,
6.9001

95.0499, 100.0000,
108.9000

■ 45.1418, 28.7742,
4.1231

■ 43.5907, 25.9616,
2.7136

■ 43.5907, 25.9614,
2.7136

Harmonies

Analogous

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



67.9895, 57.0158, 51.1068



63.7177, 57.0158, 37.7839



57.0906, 57.0158, 31.6147

Triad

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



63.7177, 57.0158, 37.7839



42.1197, 57.0158, 54.2745



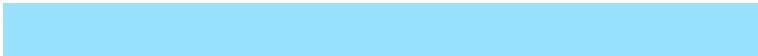
58.3778, 57.0158, 106.2988

Complementary

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



63.7177, 57.0158, 37.7839



58.3821, 68.3823, 104.7296

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.



51.3928, 57.0158, 107.6599



63.7177, 57.0158, 37.7839



42.3998, 57.0158, 74.5223

Square

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



63.7177, 57.0158, 37.7839



44.8648, 57.0158, 39.6726



45.6661, 57.0158, 95.0447



64.7294, 57.0158, 91.6492

Rectangle

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



63.7177, 57.0158, 37.7839



52.4084, 57.0158, 31.2793



45.6661, 57.0158, 95.0447



56.0153, 57.0158, 108.4236

Sweetspot

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



63.7192, 57.0186, 37.7850



83.9166, 84.9990, 82.7893



66.3727, 49.5395, 78.0876



17.7220, 17.8678, 17.1669



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.



63.7192, 57.0186, 37.7850



59.3394, 50.7291, 28.7099



76.1005, 81.7813, 41.9121



18.4300, 18.8281, 18.8072



22.8860, 13.7832, 1.4542



2.3165, 1.5184, 0.1710

Inverse Universe

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



58.3821, 68.3823, 104.7296



53.3038, 63.4620, 104.0477



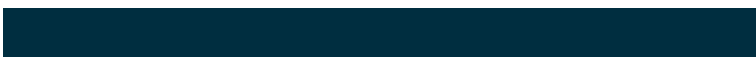
46.5368, 44.6918, 100.7812



18.0927, 19.5571, 23.0713



18.3579, 21.6255, 52.6412



1.8806, 2.2919, 5.1565

Previews

White Background



This preview shows how the XYZ color 63.7177, 57.0158, 37.7839 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 63.7177, 57.0158, 37.7839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

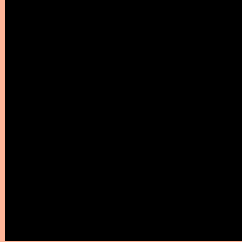
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7177, 57.0158, 37.7839

Background



This preview shows how black text looks on a background with the XYZ color 63.7177, 57.0158, 37.7839.



This preview shows how white text looks on a background with the XYZ color 63.7177, 57.0158,

37.7839.

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

63.7177, 57.0158, 37.7839

Protanopia

53.7204, 57.2689, 41.9409

Deuteranopia

58.1484, 56.9884, 37.2133



Tritanopia

66.5644, 56.8624, 56.7574

Trichromacy



Original Color

63.7177, 57.0158, 37.7839

Protanomaly

56.9201, 56.9394, 40.3382

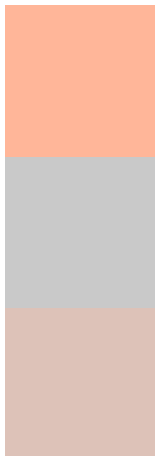
Deuteranomaly

60.2687, 57.1107, 37.5527

Tritanomaly

65.2959, 56.6745, 49.0928

Monochromacy



Original Color

63.7177, 57.0158, 37.7839

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.7623, 57.4164, 53.3855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7177, 57.0158, 37.7839 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(255, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 153)  
}
```

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(255, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 153) }
```

Border

The CSS property to change the border of an element to XYZ 63.7177, 57.0158, 37.7839 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(255, 182, 153) }
```


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

```
.border{ border-color:rgb(255, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7177, 57.0158, 37.7839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 153) }
```

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

```
.background{ background-color: rgb(255,  
182, 153) }
```

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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