

Converting Colors

XYZ(64.0014, 60.6702, 37.1876)

Have a look what the booklet for
XYZ(64.0014, 60.6702, 37.1876)
contains.

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Color

**XYZ(63.9993, 60.6659,
37.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC196
RGB	250, 193, 150
RGB Percent	98%, 76%, 59%
CMY	0.0196, 0.2431, 0.4118
CMYK	0.00, 0.23, 0.40, 0.02
HSL	26°, 91%, 78%
HSV	26°, 40%, 98%
XYZ	63.9993, 60.6659, 37.1907
YIQ	205.1410, 47.7750, -1.2890

Conversions

Conversions Part 2

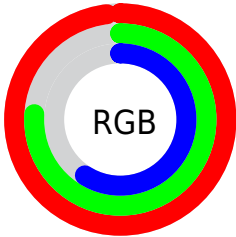
Format	Color
R _Y B	250, 225, 150
Decimal	16433558
CIE Lab	82.20, 14.97, 29.50
CIE LCh	82, 33.086, 63.093
Yxy	60.6659, 0.3954, 0.3748
Android (android.graphics.Color)	4294623638 (0xFFFA C196)
YUV	205.1410, -27.1845, 39.3413
Hunter-Lab	77.8883, 10.3654, 26.2116

Details

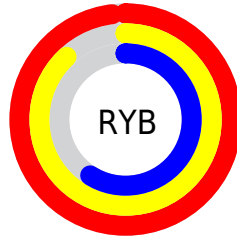
The XYZ color **63.9993, 60.6659, 37.1907** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1449, 58.0096, 98.8910**, and the grayscale version is **58.2656, 61.3000, 66.7557**.

A 20% lighter version of the original color is **86.3247, 93.9908, 70.7190**, and **33.2230, 30.5726, 15.9544** is the 20% darker color. If you saturate the color by 10%, you get **59.1977, 53.9479, 26.6955**, and if you desaturate by 10%, it is **69.5370, 68.1685, 50.0511**.

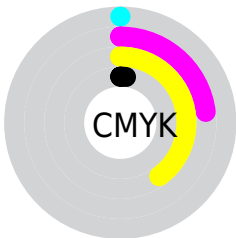
Distribution



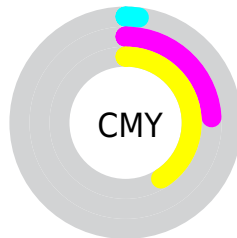
- Red (98%)
- Green (76%)
- Blue (59%)



- Red (98%)
- Yellow (88%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9993, 60.6659, 37.1907 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 63.9993, 60.6659, 37.1907 by changing the saturation by 10% instead.


 63.9993, 60.6659,
37.1907


 63.9993, 60.6659,
37.1907


428.7894,
427.0479, 349.3289

 46.9118, 43.9556,
25.0582


 109.6837,
105.7950, 72.0556

 33.1736, 30.6356,
15.9010

 139.0112,
134.9827, 95.6251

 22.4193, 20.3215,
9.3006


173.1495,
169.0982, 123.8440

 14.2837, 12.6290,
4.8383

212.4639,
208.5260, 157.1309

 8.4012, 7.1736,
2.0956

257.3197,
253.6504, 195.9043

 4.4067, 3.5709,
0.6131

308.0823,

 1.9347, 1.4365,

304.8560, 240.5827

0.0000

365.1171,
362.5270, 291.5848

■ 0.5969, 0.2434,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9993, 60.6659,
37.1907

■ 63.9993, 60.6659,
37.1907

■ 59.1977, 53.9479,
26.6955

■ 69.5370, 68.1685,
50.0511

■ 55.0914, 47.9776,
18.4140

■ 75.8394, 76.4734,
65.4083

■ 51.6423, 42.7279,
12.1824

■ 82.9393, 85.6086,
83.3881

■ 48.8059, 38.1659,
7.8122

■ 90.8658, 95.5980,
104.1069

■ 46.5303, 34.2552,
5.0793

■ 93.2343, 99.0640,
108.8150

■ 44.7358, 30.9470,
3.6156

■ 44.7357, 30.9468,
3.6155

Harmonies

Analogous

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



69.7473, 60.6659, 47.0872



63.9993, 60.6659, 37.1907



56.9347, 60.6659, 34.4413

Triad

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



63.9993, 60.6659, 37.1907



45.1857, 60.6659, 68.1661



65.3633, 60.6659, 104.0993

Complementary

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



63.9993, 60.6659, 37.1907



52.1449, 58.0096, 98.8910

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.



58.3937, 60.6659, 112.7592



63.9993, 60.6659, 37.1907



47.0586, 60.6659, 89.5343

Square

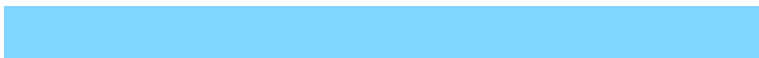
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.9993, 60.6659, 37.1907



46.4244, 60.6659, 50.0341



51.7559, 60.6659, 106.9542



70.5788, 60.6659, 85.1752

Rectangle

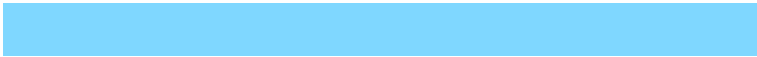
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.9993, 60.6659, 37.1907



52.5187, 60.6659, 36.4528



51.7559, 60.6659, 106.9542



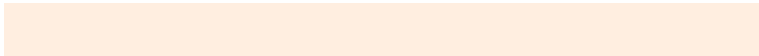
63.1287, 60.6659, 108.4635

Sweetspot

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



64.0008, 60.6688, 37.1919



85.1954, 87.5565, 83.2156



61.7572, 46.7077, 65.6507



18.0219, 18.4675, 17.2669



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.



64.0008, 60.6688, 37.1919



62.8450, 57.7403, 29.8784



76.5825, 85.8321, 41.3858



17.8584, 18.4527, 18.0829



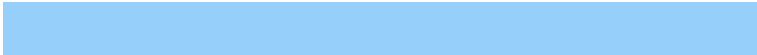
23.8656, 16.6879, 1.9632



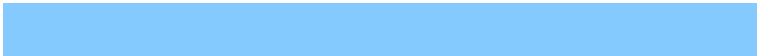
2.3133, 1.7515, 0.2161

Inverse Universe

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



52.1449, 58.0096, 98.8910



48.8652, 54.5849, 102.5682



42.1173, 37.9544, 95.5485



17.1043, 18.2853, 22.0132



14.4679, 14.2913, 49.9695



1.4452, 1.5341, 4.6631

Previews

White Background



This preview shows how the XYZ color 63.9993, 60.6659, 37.1907 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 63.9993, 60.6659, 37.1907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

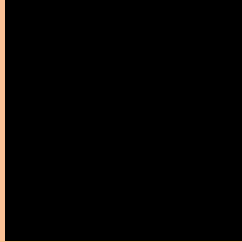
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9993, 60.6659, 37.1907

Background



This preview shows how black text looks on a background with the XYZ color 63.9993, 60.6659, 37.1907.



This preview shows how white text looks on a background with the XYZ color 63.9993, 60.6659,

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

63.9993, 60.6659, 37.1907

Protanopia

56.7227, 60.6124, 39.7201

Deuteranopia

61.7827, 60.5270, 36.8604



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

63.9993, 60.6659, 37.1907

Protanomaly

59.0372, 60.4315, 38.6898

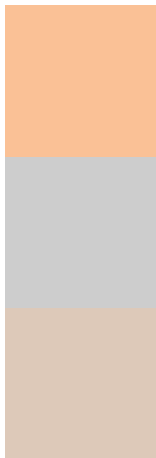
Deuteranomaly

62.5961, 60.6126, 36.8340

Tritanomaly

67.1491, 60.6552, 52.4245

Monochromacy



Original Color

63.9993, 60.6659, 37.1907

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.4624, 60.6482, 54.4712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9993, 60.6659, 37.1907 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(250, 193, 150)` looks like.

```
.text, #text, p{  
    color:rgb(250, 193, 150)  
}
```

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(250, 193, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 193, 150) }
```

Border

The CSS property to change the border of an element to XYZ 63.9993, 60.6659, 37.1907 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(250, 193, 150) }
```


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

```
.border{ border-color:rgb(250, 193, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 193, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 193, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 193, 150);  
box-shadow:4px 4px 4px 4px rgb(250, 193,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9993, 60.6659, 37.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 193, 150) }
```

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

```
.background{ background-color: rgb(250,  
193, 150) }
```

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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