

Converting Colors

XYZ(63.3820, 62.3380, 37.6966)

Have a look what the booklet for
XYZ(63.3820, 62.3380, 37.6966)
contains.

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Color

**XYZ(63.2367, 62.2820,
37.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C796
RGB	244, 199, 150
RGB Percent	96%, 78%, 59%
CMY	0.0431, 0.2196, 0.4118
CMYK	0.00, 0.18, 0.39, 0.04
HSL	31°, 81%, 77%
HSV	31°, 39%, 96%
XYZ	63.2367, 62.2820, 37.5428
YIQ	206.8690, 42.5490, -5.6990

Conversions

Conversions Part 2

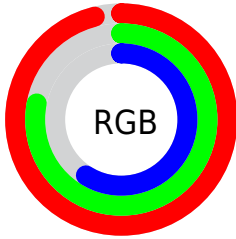
Format	Color
R _Y B	236, 244, 150
Decimal	16041878
CIE Lab	83.06, 9.50, 30.55
CIE LCh	83, 31.997, 72.729
Yxy	62.2820, 0.3878, 0.3820
Android (android.graphics.Color)	4294231958 (0xFFFF4C796)
YUV	206.8690, -28.0364, 32.5639
Hunter-Lab	78.9189, 4.9215, 27.0382

Details

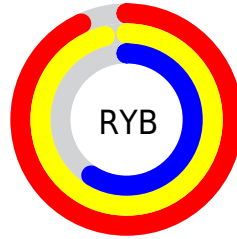
The XYZ color **63.2367, 62.2820, 37.5428** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.4212, 52.0440, 93.0814**, and the grayscale version is **59.3808, 62.4733, 68.0334**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **32.6272, 31.5908, 16.1824** is the 20% darker color. If you saturate the color by 10%, you get **58.8882, 56.4087, 27.3884**, and if you desaturate by 10%, it is **68.2037, 68.7373, 49.9229**.

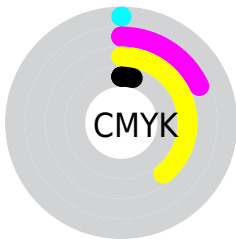
Distribution



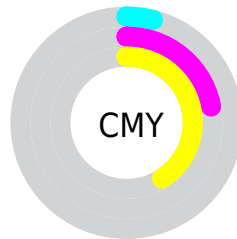
- Red (96%)
- Green (78%)
- Blue (59%)



- Red (93%)
- Yellow (96%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2367, 62.2820, 37.5428 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 63.2367, 62.2820, 37.5428 by changing the saturation by 10% instead.


 63.2367, 62.2820,
37.5428


 63.2367, 62.2820,
37.5428


426.0740,
432.9590, 350.8938

 46.2921, 45.2606,
25.3290


 108.5908,
108.1330, 72.6025

 32.6820, 31.6627,
16.1011


 137.7310,
137.7314, 96.2854

 22.0410, 21.1040,
9.4406

171.6672,
172.2909, 124.6284

 14.0038, 13.2001,
4.9289

210.7646,
212.1959, 158.0500

 8.2050, 7.5665,
2.1476

255.3886,
257.8308, 196.9688

 4.2793, 3.8188,
0.6439

305.9046,

 1.8613, 1.5727,

309.5801, 241.8034

0.0000

362.6780,
367.8280, 292.9722

■ 0.5542, 0.3391,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2367, 62.2820,
37.5428

■ 63.2367, 62.2820,
37.5428

■ 58.8882, 56.4087,
27.3884

■ 68.2037, 68.7373,
49.9229

■ 55.1234, 51.0893,
19.3197

■ 73.8124, 75.7842,
64.6497

■ 51.9105, 46.3056,
13.1864

■ 80.0902, 83.4427,
81.8396

■ 49.2123, 42.0350,
8.8162

■ 87.0616, 91.7295,
101.6002

■ 46.9852, 38.2517,
6.0056

■ 91.1182, 97.9731,
108.7160

■ 45.1690, 34.9230,
4.4636

■ 44.9242, 34.4651,
4.2847

Harmonies

Analogous

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



69.5207, 62.2820, 45.1020



63.2367, 62.2820, 37.5428



56.3131, 62.2820, 37.0182

Triad

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



63.2367, 62.2820, 37.5428



47.1421, 62.2820, 76.5636



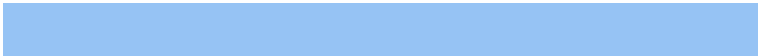
68.6938, 62.2820, 99.8402

Complementary

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



63.2367, 62.2820, 37.5428



48.4212, 52.0440, 93.0814

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.



62.1781, 62.2820, 112.1973



63.2367, 62.2820, 37.5428



49.9499, 62.2820, 97.1015

Square

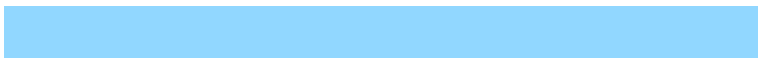
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2367, 62.2820, 37.5428



47.3771, 62.2820, 57.1169



55.3334, 62.2820, 111.1073



72.8359, 62.2820, 79.7708

Rectangle

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



63.2367, 62.2820, 37.5428



52.2897, 62.2820, 40.5402



55.3334, 62.2820, 111.1073



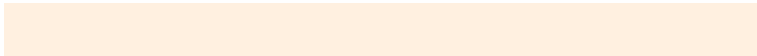
66.6877, 62.2820, 105.1943

Sweetspot

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



63.2383, 62.2849, 37.5441



86.0129, 89.1917, 83.4881



58.1144, 45.0061, 57.5116



18.2141, 18.8518, 17.3309



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.



63.2383, 62.2849, 37.5441



66.1953, 63.8654, 32.7694



74.6227, 85.8575, 41.4940



17.2139, 17.9120, 17.3477



24.5652, 19.0159, 2.3757



2.2619, 1.8771, 0.2431

Inverse Universe

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



48.4212, 52.0440, 93.0814



47.7395, 51.1134, 101.9575



40.1040, 34.9787, 90.2258



16.2356, 17.2355, 21.0136



12.4599, 10.7135, 47.9492



1.1974, 1.1462, 4.2484

Previews

White Background



This preview shows how the XYZ color 63.2367, 62.2820, 37.5428 looks on a white background.

Color Contrast Check

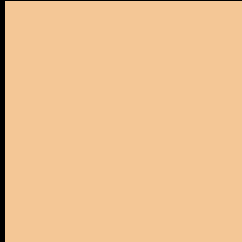
Large Text (above 18pt) WCAG AA × Fail

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 63.2367, 62.2820, 37.5428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

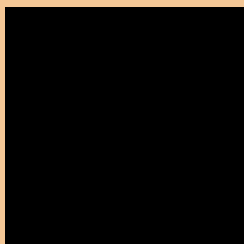
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2367, 62.2820, 37.5428

Background



This preview shows how black text looks on a background with the XYZ color 63.2367, 62.2820, 37.5428.



This preview shows how white text looks on a background with the XYZ color 63.2367, 62.2820,

37.5428.

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

63.2367, 62.2820, 37.5428

Protanopia

58.1868, 62.4552, 39.1253

Deuteranopia

63.3553, 62.0027, 37.4827



Tritanopia

69.4146, 62.4795, 66.7937

Trichromacy



Original Color

63.2367, 62.2820, 37.5428

Protanomaly

59.8935, 62.2757, 38.5695

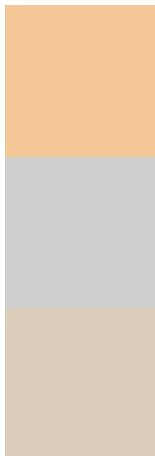
Deuteranomaly

63.3553, 62.0027, 37.4827

Tritanomaly

67.0894, 62.5318, 54.9882

Monochromacy



Original Color

63.2367, 62.2820, 37.5428

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9710, 61.9465, 55.2504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2367, 62.2820, 37.5428 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(244, 199, 150)` looks like.

```
.text, #text, p{  
    color:rgb(244, 199, 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(244, 199, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 199, 150) }
```

Border

The CSS property to change the border of an element to XYZ 63.2367, 62.2820, 37.5428 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(244, 199, 150) }
```


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

```
.border{ border-color:rgb(244, 199, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 199, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 199, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 199, 150);  
box-shadow:4px 4px 4px 4px rgb(244, 199,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2367, 62.2820, 37.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 199, 150) }
```

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

```
.background{ background-color: rgb(244,  
199, 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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