

Converting Colors

XYZ(63.4949, 62.4713, 37.2091)

Have a look what the booklet for
XYZ(63.4949, 62.4713, 37.2091)
contains.

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Color

**XYZ(63.5044, 62.4293,
37.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C795
RGB	245, 199, 149
RGB Percent	96%, 78%, 58%
CMY	0.0392, 0.2196, 0.4157
CMYK	0.00, 0.19, 0.39, 0.04
HSL	31°, 83%, 77%
HSV	31°, 39%, 96%
XYZ	63.5044, 62.4293, 37.1368
YIQ	207.0540, 43.4660, -5.7980

Conversions

Conversions Part 2

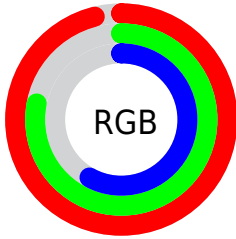
Format	Color
R _Y B	237, 245, 149
Decimal	16107413
CIE Lab	83.14, 9.78, 31.20
CIE LCh	83, 32.693, 72.597
Yxy	62.4293, 0.3894, 0.3828
Android (android.graphics.Color)	4294297493 (0xFFFF5C795)
YUV	207.0540, -28.6206, 33.2786
Hunter-Lab	79.0122, 5.1942, 27.4415

Details

The XYZ color **63.5044, 62.4293, 37.1368** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3902, 52.0103, 93.8745**, and the grayscale version is **59.5034, 62.6022, 68.1738**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **32.8235, 31.6974, 15.9435** is the 20% darker color. If you saturate the color by 10%, you get **59.1533, 56.5350, 27.0303**, and if you desaturate by 10%, it is **68.4784, 68.9107, 49.4822**.

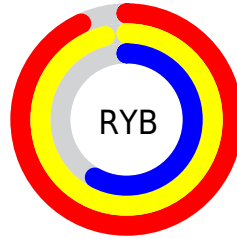
Distribution



Red (96%)

Green (78%)

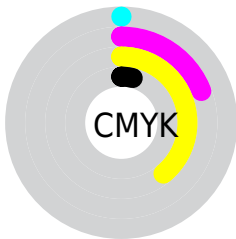
Blue (58%)



Red (93%)

Yellow (96%)

Blue (58%)

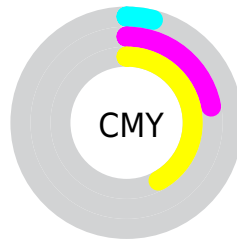


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (4%)



Cyan (4%)


Magenta (22%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5044, 62.4293, 37.1368 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 63.5044, 62.4293, 37.1368 by changing the saturation by 10% instead.


 63.5044, 62.4293,
37.1368


 63.5044, 62.4293,
37.1368


427.0284,
433.4953, 349.0889

 46.5096, 45.3797,
25.0168


 108.9746,
108.3457, 71.9718

 32.8544, 31.7566,
15.8704


 138.1807,
137.9814, 95.5239

 22.1737, 21.1756,
9.2792


172.1879,
172.5811, 123.7238

 14.1019, 13.2525,
4.8244

211.3616,
212.5293, 156.9900

 8.2737, 7.6026,
2.0877

256.0672,
258.2105, 195.7411

 4.3239, 3.8417,
0.6084

306.6699,

 1.8869, 1.5854,

310.0089, 240.3956

0.0000

363.5352,
368.3091, 291.3720

■ 0.5692, 0.3477,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5044, 62.4293,
37.1368

■ 63.5044, 62.4293,
37.1368

■ 59.1533, 56.5350,
27.0303

■ 68.4784, 68.9107,
49.4822

■ 55.3898, 51.1993,
19.0202

■ 74.0990, 75.9891,
64.1891

■ 52.1816, 46.4039,
12.9536

■ 80.3940, 83.6848,
81.3759

■ 49.4907, 42.1255,
8.6548

■ 87.3881, 92.0145,
101.1518

■ 47.2725, 38.3379,
5.9154

■ 91.4661, 98.1524,
108.7323

■ 45.4618, 35.0063,
4.4183

■ 45.3256, 34.7515,
4.3188

Harmonies

Analogous

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



69.9375, 62.4293, 44.8465



63.5044, 62.4293, 37.1368



56.4165, 62.4293, 36.5738

Triad

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



63.5044, 62.4293, 37.1368



47.0140, 62.4293, 76.8405



69.0402, 62.4293, 100.9183

Complementary

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



63.5044, 62.4293, 37.1368



48.3902, 52.0103, 93.8745

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.



62.3570, 62.4293, 113.5857



63.5044, 62.4293, 37.1368



49.8660, 62.4293, 97.9378

Square

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



63.5044, 62.4293, 37.1368



47.2676, 62.4293, 56.9639



55.3564, 62.4293, 112.3976



73.3041, 62.4293, 80.3206

Rectangle

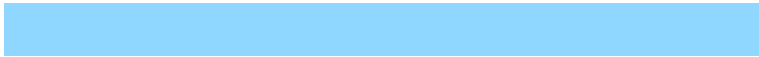
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5044, 62.4293, 37.1368



52.2988, 62.4293, 40.1261



55.3564, 62.4293, 112.3976



66.9803, 62.4293, 106.4132

Sweetspot

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



63.5060, 62.4322, 37.1381



86.0090, 89.1837, 83.4868



58.2996, 44.8662, 57.4550



18.2131, 18.8500, 17.3306



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.



63.5060, 62.4322, 37.1381



65.7217, 63.2095, 31.7138



75.1776, 86.6005, 41.1879



17.2133, 17.9108, 17.3475



24.5576, 19.0007, 2.3732



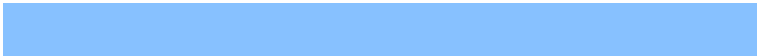
2.2613, 1.8758, 0.2429

Inverse Universe

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



48.3902, 52.0103, 93.8745



47.0411, 50.3339, 101.8438



39.9179, 34.6293, 90.9662



16.2362, 17.2367, 21.0138



12.4667, 10.7273, 47.9515



1.1980, 1.1474, 4.2486

Previews

White Background



This preview shows how the XYZ color 63.5044, 62.4293, 37.1368 looks on a white background.

Color Contrast Check

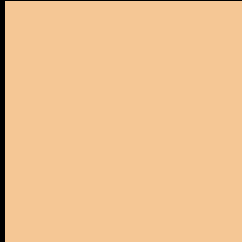
Large Text (above 18pt) WCAG AA × Fail

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 63.5044, 62.4293, 37.1368 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 63.5044, 62.4293, 37.1368

Background



This preview shows how black text looks on a background with the XYZ color 63.5044, 62.4293, 37.1368.



This preview shows how white text looks on a background with the XYZ color 63.5044, 62.4293,

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

63.5044, 62.4293, 37.1368

Protanopia

58.4940, 62.6135, 39.1396

Deuteranopia

63.8543, 62.6096, 37.1531



Tritanopia

69.5550, 62.2271, 66.7376

Trichromacy



Original Color

63.5044, 62.4293, 37.1368

Protanomaly

60.2154, 62.4417, 38.5845

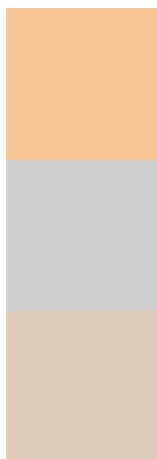
Deuteranomaly

63.8543, 62.6096, 37.1531

Tritanomaly

67.1157, 62.2261, 54.3724

Monochromacy



Original Color

63.5044, 62.4293, 37.1368

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2746, 62.1031, 55.2647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5044, 62.4293, 37.1368 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(245, 199, 149)` looks like.

```
.text, #text, p{  
    color:rgb(245, 199, 149)  
}
```

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(245, 199, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 199, 149) }
```

Border

The CSS property to change the border of an element to XYZ 63.5044, 62.4293, 37.1368 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(245, 199, 149) }
```


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

```
.border{ border-color:rgb(245, 199, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 199, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 199, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 199, 149);  
box-shadow:4px 4px 4px 4px rgb(245, 199,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5044, 62.4293, 37.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 199, 149) }
```

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

```
.background{ background-color: rgb(245,  
199, 149) }
```

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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