

Converting Colors

XYZ(93.4994, 76.8795, 38.6689)

Have a look what the booklet for
XYZ(93.4994, 76.8795, 38.6689)
contains.

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Color

**XYZ(66.4849, 62.9419,
37.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC496
RGB	255, 196, 150
RGB Percent	100%, 77%, 59%
CMY	0.0000, 0.2313, 0.4118
CMYK	0.00, 0.23, 0.41, 0.00
HSL	26°, 100%, 79%
HSV	26°, 41%, 100%
XYZ	66.4849, 62.9419, 37.4990
YIQ	208.3970, 49.9300, -1.7980

Conversions

Conversions Part 2

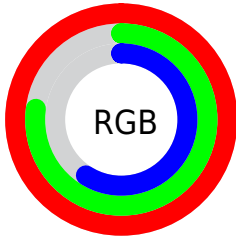
Format	Color
R_{YB}	255, 232, 150
Decimal	16762006
CIE _{Lab}	83.41, 15.35, 31.21
CIE _{LCh}	83, 34.779, 63.816
Yxy	62.9419, 0.3983, 0.3771
Android (android.graphics.Color)	4294952086 (0xFFFFC496)
YUV	208.3970, -28.7897, 40.8708
Hunter-Lab	79.3359, 10.7482, 27.5111

Details

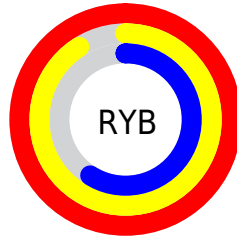
The XYZ color **66.4849, 62.9419, 37.4990** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.4271, 59.3025, 103.2380**, and the grayscale version is **60.3717, 63.5157, 69.1686**.

A 20% lighter version of the original color is **87.3847, 95.9183, 71.6660**, and **34.6901, 31.9826, 16.1493** is the 20% darker color. If you saturate the color by 10%, you get **61.5722, 56.0527, 26.8096**, and if you desaturate by 10%, it is **72.1562, 70.6331, 50.6468**.

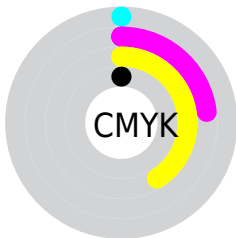
Distribution



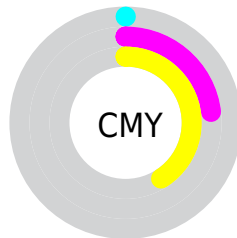
- Red (100%)
- Green (77%)
- Blue (59%)



- Red (100%)
- Yellow (91%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4849, 62.9419, 37.4990 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 66.4849, 62.9419, 37.4990 by changing the saturation by 10% instead.

 66.4849, 62.9419,
37.4990


 66.4849, 62.9419,
37.4990


437.5704,
435.3586, 350.6994

 48.9353, 45.7942,
25.2953


 113.2359,
109.0857, 72.5345

 34.7825, 32.0835,
16.0762


 143.1680,
138.8506, 96.2033

 23.6611, 21.4253,
9.4231


177.9583,
173.5900, 124.5309

 15.2058, 13.4352,
4.9176

217.9722,
213.6883, 157.9358

 9.0512, 7.7289,
2.1411

263.5750,
259.5299, 196.8366

 4.8320, 3.9220,
0.6401

315.1320,

 2.1827, 1.6300,

311.4992, 241.6517

0.0000

373.0087,
369.9807, 292.7998

0.7336, 0.3777,
0.0000

0.0000, 0.0000,
0.0000

66.4849, 62.9419,
37.4990

66.4849, 62.9419,
37.4990

61.5722, 56.0527,
26.8096

72.1562, 70.6331,
50.6468

57.3755, 49.9276,
18.4178

78.6163, 79.1444,
66.3922

53.8546, 44.5384,
12.1493

85.8993, 88.5045,
84.8686

50.9624, 39.8513,
7.8026

94.0357, 98.7380,
106.1989

■ 48.6438, 35.8283, 95.0499, 99.9999,
5.1364 108.9000

■ 47.0041, 32.7885,
3.8514

Harmonies

Analogous

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



72.7613, 62.9419, 47.8387



66.4849, 62.9419, 37.4990



58.8601, 62.9419, 34.7662

Triad

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



66.4849, 62.9419, 37.4990



46.4352, 62.9419, 71.3474



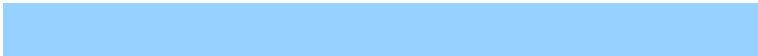
68.3030, 62.9419, 109.3650

Complementary

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



66.4849, 62.9419, 37.4990



53.4271, 59.3025, 103.2380

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.



60.7992, 62.9419, 119.1548



66.4849, 62.9419, 37.4990



48.5197, 62.9419, 94.4710

Square

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



66.4849, 62.9419, 37.4990



47.6814, 62.9419, 51.7239



53.6243, 62.9419, 113.2008



73.8716, 62.9419, 88.6384

Rectangle

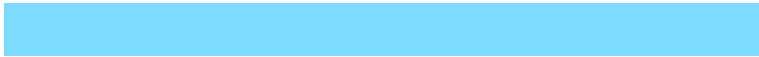
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4849, 62.9419, 37.4990



54.1329, 62.9419, 37.0138



53.6243, 62.9419, 113.2008



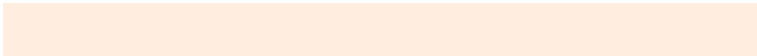
65.9014, 62.9419, 114.2216

Sweetspot

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



66.4865, 62.9449, 37.5003



85.2674, 87.7006, 83.2396



63.7172, 47.7015, 66.4961



18.0388, 18.5013, 17.2725



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.



66.4865, 62.9449, 37.5003



62.5792, 57.4861, 28.9343



80.3124, 90.5967, 42.1089



18.6642, 19.2966, 18.8852



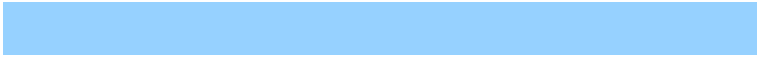
24.7033, 17.4179, 2.0600



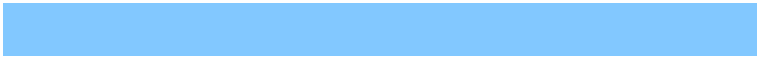
2.5118, 1.9089, 0.2361

Inverse Universe

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



53.4271, 59.3025, 103.2380



47.9765, 53.3956, 102.3855



42.6852, 37.8187, 99.6574



17.8498, 19.0711, 22.9903



14.7366, 14.3828, 51.4340



1.5437, 1.6181, 5.0442

Previews

White Background



This preview shows how the XYZ color 66.4849, 62.9419, 37.4990 looks on a white background.

Color Contrast Check

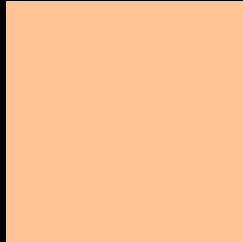
Large Text (above 18pt) WCAG AA × Fail

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 66.4849, 62.9419, 37.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

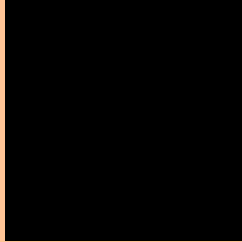
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4849, 62.9419, 37.4990

Background



This preview shows how black text looks on a background with the XYZ color 66.4849, 62.9419, 37.4990.



This preview shows how white text looks on a background with the XYZ color 66.4849, 62.9419,

37.4990.

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

66.4849, 62.9419, 37.4990

Protanopia

58.9037, 63.1663, 40.0981

Deuteranopia

64.2060, 62.7909, 37.1696



Tritanopia

70.7699, 62.8812, 65.5341

Trichromacy



Original Color

66.4849, 62.9419, 37.4990

Protanomaly

61.6036, 63.1478, 39.0789

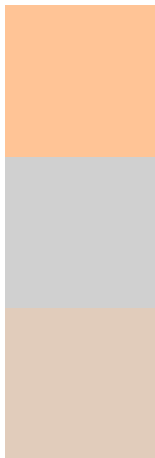
Deuteranomaly

65.0432, 62.8821, 37.1431

Tritanomaly

68.9617, 62.8606, 53.8460

Monochromacy



Original Color

66.4849, 62.9419, 37.4990

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6138, 62.7811, 55.8843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4849, 62.9419, 37.4990 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, 196, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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(255, 196, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 150) }
```

Border

The CSS property to change the border of an element to XYZ 66.4849, 62.9419, 37.4990 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, 196, 150) }
```


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

```
.border{ border-color:rgb(255, 196, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4849, 62.9419, 37.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 150) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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