

Converting Colors

XYZ(69.5902, 69.9646, 49.4455)

Have a look what the booklet for
XYZ(69.5902, 69.9646, 49.4455)
contains.

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Color

**XYZ(69.4441, 69.8783,
49.3629)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4AD
RGB	247, 212, 173
RGB Percent	97%, 83%, 68%
CMY	0.0314, 0.1686, 0.3216
CMYK	0.00, 0.14, 0.30, 0.03
HSL	32°, 82%, 82%
HSV	32°, 30%, 97%
XYZ	69.4441, 69.8783, 49.3629
YIQ	218.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

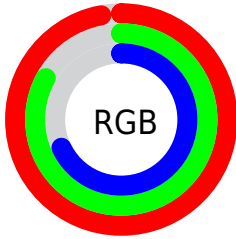
Format	Color
R _Y B	239, 247, 173
Decimal	16241837
CIE Lab	86.94, 6.64, 23.84
CIE LCh	87, 24.743, 74.433
Yxy	69.8783, 0.3680, 0.3703
Android (android.graphics.Color)	4294431917 (0xFFF7D4AD)
YUV	218.0190, -22.1944, 25.4163
Hunter-Lab	83.5932, 1.9986, 23.5038

Details

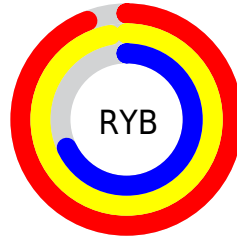
The XYZ color **69.4441, 69.8783, 49.3629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.5773, 60.7095, 96.7320**, and the grayscale version is **66.7873, 70.2655, 76.5191**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **36.6823, 36.4172, 22.8651** is the 20% darker color. If you saturate the color by 10%, you get **64.4569, 63.3814, 36.9790**, and if you desaturate by 10%, it is **75.0881, 76.9809, 64.1471**.

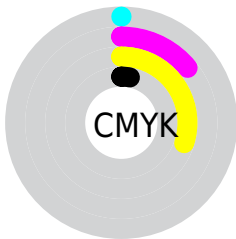
Distribution



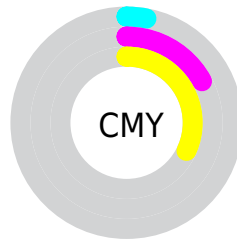
- Red (97%)
- Green (83%)
- Blue (68%)



- Red (94%)
- Yellow (97%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4441, 69.8783, 49.3629 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 69.4441, 69.8783, 49.3629 by changing the saturation by 10% instead.


 69.4441, 69.8783,
49.3629

 69.4441, 69.8783,
49.3629


447.8926,
460.1226, 400.8327

 51.3514, 51.4273,
34.5398


 117.4463,
119.0352, 90.6168

 36.7105, 36.5488,
23.0279


148.0865,
150.5099, 117.8846

 25.1561, 24.8583,
14.4086


183.6399,
187.0946, 150.1378

 16.3227, 15.9715,
8.2634

224.4719,
229.1738, 187.7949

 9.8451, 9.5040,
4.1738

270.9478,
277.1318, 231.2744

 5.3579, 5.0714,
1.7212

323.4330,

 2.4956, 2.2892,

331.3530, 280.9948

0.3752

382.2928,
392.2218, 337.3747

■ 0.8931, 0.7680,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4441, 69.8783,
49.3629

■ 69.4441, 69.8783,
49.3629

■ 64.4569, 63.3814,
36.9790

■ 75.0881, 76.9809,
64.1471

■ 60.0921, 57.4620,
26.8611

■ 81.4103, 84.6971,
81.4473

■ 56.3204, 52.1034,
18.8683

■ 88.4376, 93.0469,
101.3768

■ 53.1071, 47.2841,
12.8419

■ 92.1679, 98.5142,
108.7651

■ 50.4131, 42.9806,
8.6006

■ 48.1926, 39.1664,
5.9284

■ 46.3732, 35.8041,
4.4697

■ 46.3663, 35.7910,
4.4646

Harmonies

Analogous

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



74.6719, 69.8783, 55.9110



69.4441, 69.8783, 49.3629



63.6860, 69.8783, 49.2408

Triad

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



69.4441, 69.8783, 49.3629



56.2270, 69.8783, 84.2960



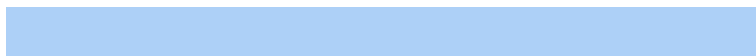
74.5038, 69.8783, 101.1468

Complementary

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



69.4441, 69.8783, 49.3629



56.5773, 60.7095, 96.7320

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.



69.2254, 69.8783, 111.2525



69.4441, 69.8783, 49.3629



58.7945, 69.8783, 100.6090

Square

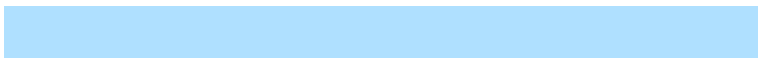
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4441, 69.8783, 49.3629



56.2779, 69.8783, 67.8609



63.4796, 69.8783, 111.0425



77.7066, 69.8783, 84.9494

Rectangle

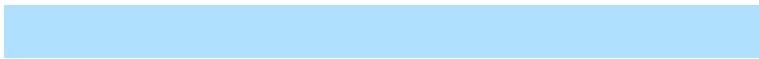
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4441, 69.8783, 49.3629



60.3303, 69.8783, 52.7409



63.4796, 69.8783, 111.0425



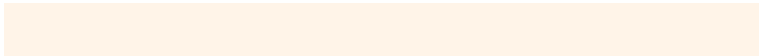
72.9004, 69.8783, 105.4666

Sweetspot

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



69.4459, 69.8815, 49.3643



88.2075, 91.8789, 89.4665



64.7816, 54.2540, 67.2286



18.6558, 19.3961, 18.5239



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.



69.4459, 69.8815, 49.3643



71.3093, 70.7926, 44.6503



78.7282, 89.0896, 52.5826



17.2221, 17.9284, 17.3504



24.6650, 19.2157, 2.4090



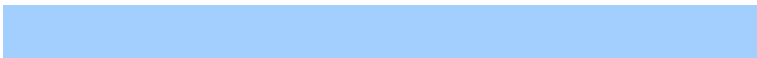
2.2707, 1.8947, 0.2460

Inverse Universe

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



56.5773, 60.7095, 96.7320



55.4142, 59.4657, 103.1651



49.2404, 45.6289, 94.2079



16.2275, 17.2192, 21.0109



12.3711, 10.5360, 47.9196



1.1894, 1.1302, 4.2457

Previews

White Background



This preview shows how the XYZ color 69.4441, 69.8783, 49.3629 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 69.4441, 69.8783, 49.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

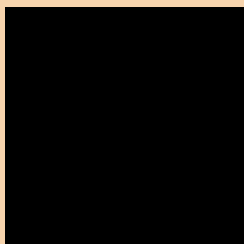
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4441, 69.8783, 49.3629

Background



This preview shows how black text looks on a background with the XYZ color 69.4441, 69.8783, 49.3629.



This preview shows how white text looks on a background with the XYZ color 69.4441, 69.8783,

49.3629.

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

69.4441, 69.8783, 49.3629

Protanopia

65.6043, 69.7492, 51.0795

Deuteranopia

71.3135, 69.7278, 49.7446



Tritanopia

75.0274, 69.5785, 77.8822

Trichromacy



Original Color

69.4441, 69.8783, 49.3629

Protanomaly

66.9634, 69.7005, 50.4816

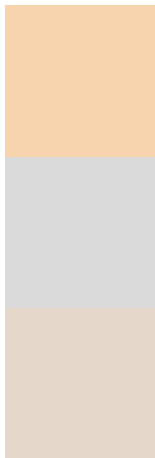
Deuteranomaly

70.4702, 69.6584, 49.7756

Tritanomaly

72.8793, 69.7954, 66.7574

Monochromacy



Original Color

69.4441, 69.8783, 49.3629

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.5296, 70.0340, 65.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4441, 69.8783, 49.3629 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(247, 212, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 173)  
}
```

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(247, 212, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 173) }
```

Border

The CSS property to change the border of an element to XYZ 69.4441, 69.8783, 49.3629 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(247, 212, 173) }
```


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

```
.border{ border-color:rgb(247, 212, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4441, 69.8783, 49.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 173) }
```

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

```
.background{ background-color: rgb(247,  
212, 173) }
```

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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