

Converting Colors

XYZ(128.5075, 100.0000,
39.3284)

Have a look what the booklet for
XYZ(128.5075, 100.0000, 39.3284)
contains.

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Color

**XYZ(69.3974, 69.3975,
36.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD291
RGB	255, 210, 145
RGB Percent	100%, 82%, 57%
CMY	0.0000, 0.1764, 0.4314
CMYK	0.00, 0.18, 0.43, 0.00
HSL	35°, 100%, 78%
HSV	35°, 43%, 100%
XYZ	69.3974, 69.3975, 36.5255
YIQ	216.0450, 47.6850, -10.6750

Conversions

Conversions Part 2

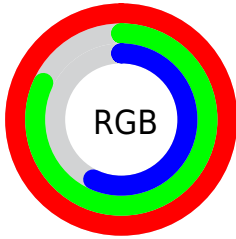
Format	Color
R _Y B	221, 255, 145
Decimal	16765585
CIE Lab	86.70, 7.56, 38.10
CIE LCh	87, 38.846, 78.779
Yxy	69.3975, 0.3958, 0.3958
Android (android.graphics.Color)	4294955665 (0xFFFFD291)
YUV	216.0450, -35.0252, 34.1635
Hunter-Lab	83.3052, 2.9155, 32.3177

Details

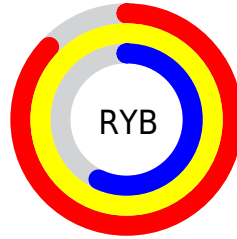
The XYZ color **69.3974, 69.3975, 36.5255** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1398, 50.0648, 101.7338**, and the grayscale version is **65.5108, 68.9225, 75.0566**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **36.6292, 36.3030, 15.4325** is the 20% darker color. If you saturate the color by 10%, you get **65.1562, 63.7164, 26.4757**, and if you desaturate by 10%, it is **74.2513, 75.5974, 48.9580**.

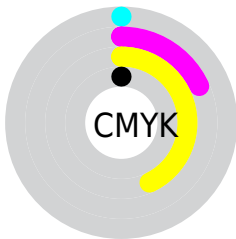
Distribution



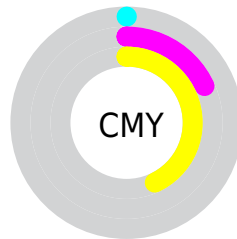
- Red (100%)
- Green (82%)
- Blue (57%)



- Red (87%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3974, 69.3975, 36.5255 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 69.3974, 69.3975, 36.5255 by changing the saturation by 10% instead.


 69.3974, 69.3975,
36.5255

 69.3974, 69.3975,
36.5255


447.7308,
458.4317, 346.3582

 51.3132, 51.0355,
24.5474


 117.3800,
118.3491, 71.0205

 36.6800, 36.2369,
15.5242


 148.0091,
149.7076, 94.3746

 25.1324, 24.6172,
9.0374

183.5506,
186.1670, 122.3577

 16.3050, 15.7921,
4.6685

224.3698,
228.1117, 155.3884

 9.8324, 9.3771,
1.9988

270.8320,
275.9261, 193.8853

 5.3494, 4.9880,
0.5545

323.3027,

 2.4905, 2.2402,

329.9946, 238.2669

0.0000

382.1472,
390.7017, 288.9517

■ 0.8905, 0.7418,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3974, 69.3975,
36.5255

■ 69.3974, 69.3975,
36.5255

■ 65.1562, 63.7164,
26.4757

■ 74.2513, 75.5974,
48.9580

■ 61.4893, 58.5260,
18.6460

■ 79.7428, 82.3232,
63.9129

■ 58.3618, 53.8096,
12.8598

■ 85.9016, 89.5943,
81.5238

■ 55.7312, 49.5449,
8.9115

■ 92.7539, 97.4258,
101.9138

■ 53.5471, 45.7060, 95.0499, 99.9999,
6.5511 108.9000

■ 52.2575, 43.2952,
5.6025

Harmonies

Analogous

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



78.0775, 69.3975, 43.9886



69.3974, 69.3975, 36.5255



60.5267, 69.3975, 37.5805

Triad

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



69.3974, 69.3975, 36.5255



50.8479, 69.3975, 92.7287



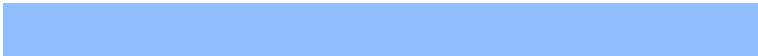
79.9026, 69.3975, 113.2995

Complementary

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



69.3974, 69.3975, 36.5255



48.1398, 50.0648, 101.7338

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.



71.7097, 69.3975, 133.1031



69.3974, 69.3975, 36.5255



55.1664, 69.3975, 119.4809

Square

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



69.3974, 69.3975, 36.5255



50.3515, 69.3975, 66.2918



62.6385, 69.3975, 135.5930



84.5013, 69.3975, 85.6587

Rectangle

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



69.3974, 69.3975, 36.5255



55.6712, 69.3975, 43.0455



62.6385, 69.3975, 135.5930



77.4448, 69.3975, 121.3397

Sweetspot

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



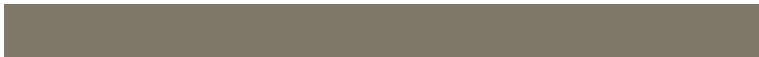
69.3991, 69.4008, 36.5269



85.9905, 89.6975, 81.7830



60.7514, 45.2657, 54.7300



18.1015, 18.8449, 16.6209



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.



69.3991, 69.4008, 36.5269



65.6088, 64.3373, 27.5029



78.8185, 93.1269, 40.6101



18.9017, 19.7717, 18.9644



27.4563, 22.9239, 2.9776



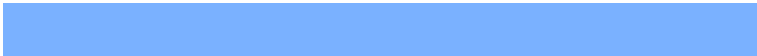
2.7809, 2.4471, 0.3258

Inverse Universe

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



48.1398, 50.0648, 101.7338



41.7836, 42.6885, 100.6452



41.5342, 34.3580, 99.0502



17.6131, 18.5979, 22.9114



12.1722, 9.2539, 50.5792



1.2894, 1.1095, 4.9595

Previews

White Background



This preview shows how the XYZ color 69.3974, 69.3975, 36.5255 looks on a white background.

Color Contrast Check

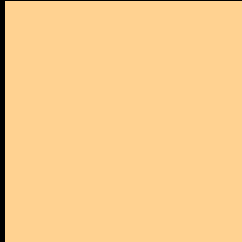
Large Text (above 18pt) WCAG AA × Fail

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 69.3974, 69.3975, 36.5255 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 69.3974, 69.3975, 36.5255

Background



This preview shows how black text looks on a background with the XYZ color 69.3974, 69.3975, 36.5255.



This preview shows how white text looks on a background with the XYZ color 69.3974, 69.3975,

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

69.3974, 69.3975, 36.5255

Protanopia

64.4191, 69.4260, 38.0223

Deuteranopia

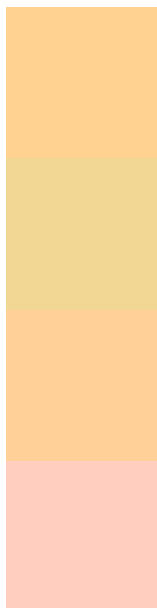
70.2120, 69.3296, 42.0291



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

69.3974, 69.3975, 36.5255

Protanomaly

65.9310, 69.0770, 37.4620

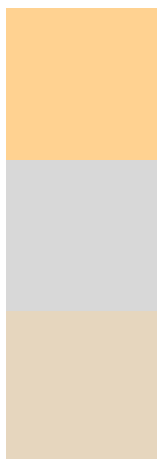
Deuteranomaly

69.7902, 69.1608, 39.8080

Tritanomaly

72.7153, 69.1642, 58.8077

Monochromacy



Original Color

69.3974, 69.3975, 36.5255

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.9740, 68.6338, 58.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3974, 69.3975, 36.5255 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, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 145)  
}
```

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, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 145) }
```

Border

The CSS property to change the border of an element to XYZ 69.3974, 69.3975, 36.5255 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, 210, 145) }
```


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

```
.border{ border-color:rgb(255, 210, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3974, 69.3975, 36.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 145) }
```

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

```
.background{ background-color: rgb(255,  
210, 145) }
```

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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