

Converting Colors

XYZ(69.7525, 68.0414, 43.0136)

Have a look what the booklet for
XYZ(69.7525, 68.0414, 43.0136)
contains.

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Color

**XYZ(69.7443, 67.9758,
43.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEA1
RGB	255, 206, 161
RGB Percent	100%, 81%, 63%
CMY	0.0000, 0.1921, 0.3686
CMYK	0.00, 0.19, 0.37, 0.00
HSL	29°, 100%, 82%
HSV	29°, 37%, 100%
XYZ	69.7443, 67.9758, 43.1629
YIQ	215.5210, 43.6490, -3.6070

Conversions

Conversions Part 2

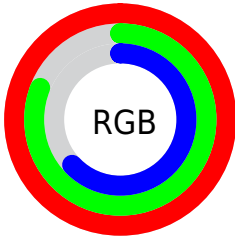
Format	Color
R _Y B	255, 247, 161
Decimal	16764577
CIE Lab	85.99, 11.35, 28.93
CIE LCh	86, 31.080, 68.577
Yxy	67.9758, 0.3856, 0.3758
Android (android.graphics.Color)	4294954657 (0xFFFFCEA1)
YUV	215.5210, -26.8789, 34.6231
Hunter-Lab	82.4474, 6.7145, 26.6737

Details

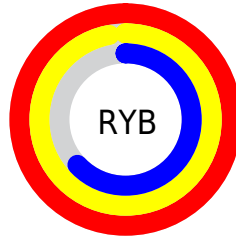
The XYZ color **69.7443, 67.9758, 43.1629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.7937, 60.8881, 103.4196**, and the grayscale version is **65.1020, 68.4924, 74.5882**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **37.0145, 35.4309, 19.3560** is the 20% darker color. If you saturate the color by 10%, you get **64.6557, 61.0377, 31.4811**, and if you desaturate by 10%, it is **75.5656, 75.6450, 57.3527**.

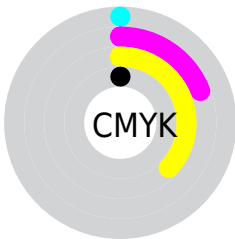
Distribution



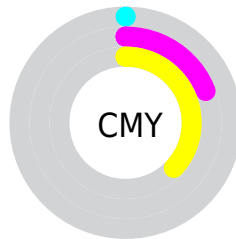
- Red (100%)
- Green (81%)
- Blue (63%)



- Red (100%)
- Yellow (97%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7443, 67.9758, 43.1629 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 69.7443, 67.9758, 43.1629 by changing the saturation by 10% instead.


 69.7443, 67.9758,
43.1629


 69.7443, 67.9758,
43.1629


448.9321,
453.4103, 375.2221

 51.5969, 49.8780,
29.6806


 117.8723,
116.3175, 81.2456

 36.9069, 35.3165,
19.3463


 148.5836,
147.3303, 106.6831

 25.3087, 23.9068,
11.7414


184.2137,
183.4168, 136.9428

 16.4372, 15.2645,
6.4475

225.1278,
224.9616, 172.4431

 9.9268, 9.0052,
3.0459

271.6914,
272.3489, 213.6027

 5.4124, 4.7446,
1.1181

324.2697,

 2.5284, 2.0982,

325.9632, 260.8400

0.0000

383.2282,
386.1888, 314.5737

■ 0.9096, 0.6636,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.7443, 67.9758,
43.1629

■ 69.7443, 67.9758,
43.1629

■ 64.6557, 61.0377,
31.4811

■ 75.5656, 75.6450,
57.3527

■ 60.2598, 54.7964,
22.1531

■ 82.1464, 84.0587,
74.1839

■ 56.5204, 49.2289,
15.0141

■ 89.5186, 93.2421,
93.7850

■ 53.3949, 44.3067,
9.8757

95.0500, 100.0000,
108.9000

■ 50.8342, 39.9979,
6.5171

■ 48.7780, 36.2659,
4.6589

■ 48.2105, 35.2011,
4.2535

Harmonies

Analogous

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



75.9243, 67.9758, 52.1411



69.7443, 67.9758, 43.1629



62.5869, 67.9758, 41.5960

Triad

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



69.7443, 67.9758, 43.1629



51.9846, 67.9758, 80.0222



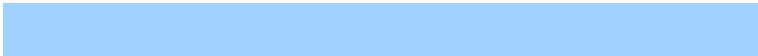
73.5356, 67.9758, 109.1279

Complementary

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



69.7443, 67.9758, 43.1629



55.7937, 60.8881, 103.4196

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.



66.6741, 67.9758, 119.9954



69.7443, 67.9758, 43.1629



54.4777, 67.9758, 101.2808

Square

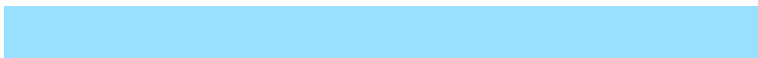
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7443, 67.9758, 43.1629



52.6741, 67.9758, 60.5856



59.7321, 67.9758, 116.8864



78.2228, 67.9758, 89.2932

Rectangle

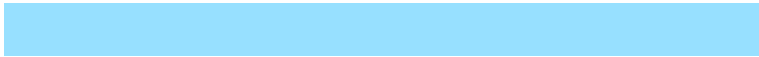
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7443, 67.9758, 43.1629



58.2736, 67.9758, 44.6235



59.7321, 67.9758, 116.8864



71.3876, 67.9758, 114.1025

Sweetspot

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



69.7460, 67.9790, 43.1643



86.3703, 89.3474, 85.3304



65.7599, 51.4602, 68.1831



18.2724, 18.8571, 17.6940



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.



69.7460, 67.9790, 43.1643



66.0401, 62.9517, 34.5774



82.4417, 93.3704, 47.3962



18.7269, 19.4220, 18.9061



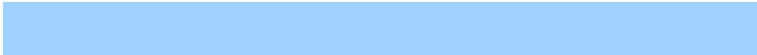
25.3385, 18.6883, 2.2717



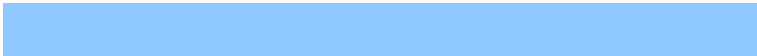
2.5757, 2.0368, 0.2574

Inverse Universe

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



55.7937, 60.8881, 103.4196



50.2952, 54.9460, 102.5625



46.0479, 41.3965, 100.1710



17.7864, 18.9444, 22.9691



13.9583, 12.8262, 51.1746



1.4685, 1.4677, 5.0192

Previews

White Background



This preview shows how the XYZ color 69.7443, 67.9758, 43.1629 looks on a white background.

Color Contrast Check

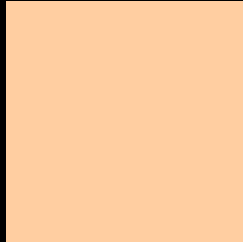
Large Text (above 18pt) WCAG AA × Fail

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 69.7443, 67.9758, 43.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

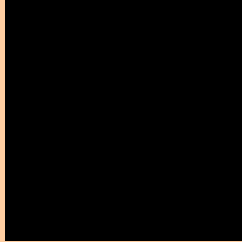
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7443, 67.9758, 43.1629

Background



This preview shows how black text looks on a background with the XYZ color 69.7443, 67.9758, 43.1629.



This preview shows how white text looks on a background with the XYZ color 69.7443, 67.9758,

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

69.7443, 67.9758, 43.1629

Protanopia

63.7251, 68.1405, 45.3911

Deuteranopia

69.3774, 67.7867, 43.1458



Tritanopia

74.2642, 67.8883, 72.8079

Trichromacy



Original Color

69.7443, 67.9758, 43.1629

Protanomaly

65.8409, 68.1180, 44.7999

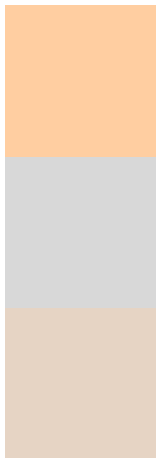
Deuteranomaly

69.3774, 67.7867, 43.1458

Tritanomaly

72.4463, 67.9120, 60.9198

Monochromacy



Original Color

69.7443, 67.9758, 43.1629

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.1404, 67.8955, 61.8437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7443, 67.9758, 43.1629 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, 206, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 161)  
}
```

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, 206, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 161) }
```

Border

The CSS property to change the border of an element to XYZ 69.7443, 67.9758, 43.1629 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, 206, 161) }
```


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

```
.border{ border-color:rgb(255, 206, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7443, 67.9758, 43.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 161) }
```

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

```
.background{ background-color: rgb(255,  
206, 161) }
```

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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