

Converting Colors

XYZ(69.3394, 67.9184, 40.7081)

Have a look what the booklet for
XYZ(69.3394, 67.9184, 40.7081)
contains.

XYZ(69.3121, 67.8029, 40.8866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.3121, 67.8029,
40.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCE9C
RGB	255, 206, 156
RGB Percent	100%, 81%, 61%
CMY	0.0000, 0.1921, 0.3882
CMYK	0.00, 0.19, 0.39, 0.00
HSL	30°, 100%, 81%
HSV	30°, 39%, 100%
XYZ	69.3121, 67.8029, 40.8866
YIQ	214.9510, 45.2540, -5.1620

Conversions

Conversions Part 2

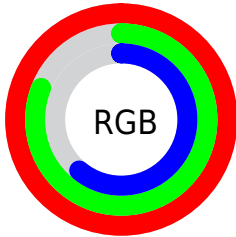
Format	Color
RYP	253, 255, 156
Decimal	16764572
CIELab	85.91, 10.79, 31.41
CIElCh	86, 33.215, 71.040
Yxy	67.8029, 0.3894, 0.3809
Android (android.graphics.Color)	4294954652 (0xFFFFCE9C)
YUV	214.9510, -29.0628, 35.1230
Hunter-Lab	82.3425, 6.1536, 28.1997

Details

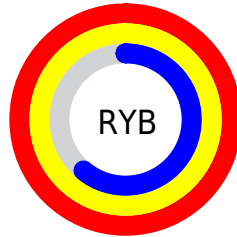
The XYZ color **69.3121, 67.8029, 40.8866** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.5909, 57.9486, 102.9684**, and the grayscale version is **64.7287, 68.0996, 74.1605**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **36.7529, 35.3263, 17.9783** is the 20% darker color. If you saturate the color by 10%, you get **64.4586, 61.1963, 29.7109**, and if you desaturate by 10%, it is **74.8662, 75.0851, 54.5335**.

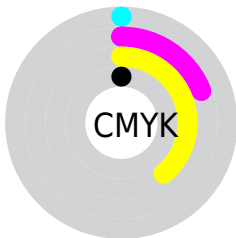
Distribution



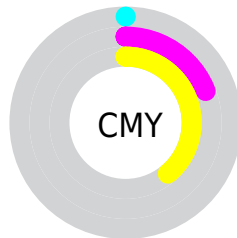
- Red (100%)
- Green (81%)
- Blue (61%)



- Red (99%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3121, 67.8029, 40.8866 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 69.3121, 67.8029, 40.8866 by changing the saturation by 10% instead.


 69.3121, 67.8029,
40.8866

 69.3121, 67.8029,
40.8866


447.4351,
452.7974, 365.5090

 51.2435, 49.7374,
27.9115


 117.2589,
116.0701, 77.7635

 36.6243, 35.2048,
18.0205


 147.8677,
147.0407, 102.5024

 25.0890, 23.8207,
10.7951


183.3874,
183.0816, 131.9995

 16.2725, 15.2006,
5.8168

224.1832,
224.5775, 166.6736

 9.8092, 8.9603,
2.6670

270.6205,
271.9126, 206.9430

 5.3340, 4.7153,
0.9268

323.0647,

 2.4813, 2.0812,

325.4713, 253.2263

0.0000

381.8812,
385.6381, 305.9422

0.8858, 0.6540,
0.0000

0.0000, 0.0000,
0.0000

69.3121, 67.8029,
40.8866

69.3121, 67.8029,
40.8866

64.4586, 61.1963,
29.7109

74.8662, 75.0851,
54.5335

60.2664, 55.2330,
20.8497

81.1475, 83.0547,
70.7869

56.6994, 49.8914,
14.1349

88.1872, 91.7354,
89.7770

53.7152, 45.1449,
9.3730

95.0500, 100.0000,
108.9000

■ 51.2642, 40.9634,
6.3352

■ 49.2774, 37.3085,
4.6903

■ 49.0642, 36.9084,
4.5381

Harmonies

Analogous

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



76.1119, 67.8029, 49.6067



69.3121, 67.8029, 40.8866



61.6854, 67.8029, 39.8856

Triad

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



69.3121, 67.8029, 40.8866



51.1346, 67.8029, 82.1372



74.5278, 67.8029, 110.1214

Complementary

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



69.3121, 67.8029, 40.8866



53.5909, 57.9486, 102.9684

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.



67.2849, 67.8029, 123.0151



69.3121, 67.8029, 40.8866



54.0351, 67.8029, 104.8692

Square

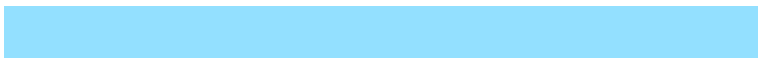
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3121, 67.8029, 40.8866



51.5838, 67.8029, 61.0411



59.8105, 67.8029, 120.9235



79.2829, 67.8029, 88.2816

Rectangle

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



69.3121, 67.8029, 40.8866



57.1965, 67.8029, 43.4497



59.8105, 67.8029, 120.9235



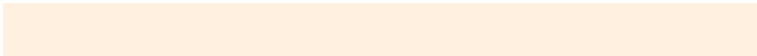
72.2805, 67.8029, 115.8227

Sweetspot

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



69.3138, 67.8061, 40.8880



85.8667, 88.8991, 83.4394



64.2088, 49.4696, 64.2396



18.1797, 18.7830, 17.3194



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.



69.3138, 67.8061, 40.8880



65.2931, 62.3523, 31.5710



83.0009, 95.1804, 45.4504



18.7677, 19.5036, 18.9197



25.7868, 19.5847, 2.4211



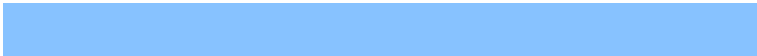
2.6201, 2.1255, 0.2722

Inverse Universe

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



53.5909, 57.9486, 102.9684



47.4608, 51.1734, 101.9837



43.6494, 38.0657, 99.6546



17.7455, 18.8626, 22.9555



13.4921, 11.8938, 51.0192



1.4228, 1.3762, 5.0039

Previews

White Background



This preview shows how the XYZ color 69.3121, 67.8029, 40.8866 looks on a white background.

Color Contrast Check

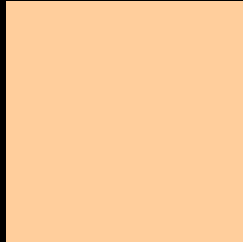
Large Text (above 18pt) WCAG AA × Fail

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 69.3121, 67.8029, 40.8866 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 69.3121, 67.8029, 40.8866

Background



This preview shows how black text looks on a background with the XYZ color 69.3121, 67.8029, 40.8866.



This preview shows how white text looks on a background with the XYZ color 69.3121, 67.8029,

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

69.3121, 67.8029, 40.8866

Protanopia

63.6006, 68.1279, 43.0556

Deuteranopia

69.3121, 67.8029, 40.8866



Tritanopia

74.2642, 67.8883, 72.8079

Trichromacy



Original Color

69.3121, 67.8029, 40.8866

Protanomaly

65.7367, 68.1154, 42.4838

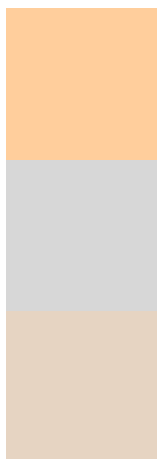
Deuteranomaly

69.3121, 67.8029, 40.8866

Tritanomaly

72.2216, 67.8221, 59.7366

Monochromacy



Original Color

69.3121, 67.8029, 40.8866

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.9142, 67.8050, 60.6526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3121, 67.8029, 40.8866 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 156) }
```

Border

The CSS property to change the border of an element to XYZ 69.3121, 67.8029, 40.8866 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, 156) }
```


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

```
.border{ border-color:rgb(255, 206, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3121, 67.8029, 40.8866 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, 156) }
```

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

```
.background{ background-color: rgb(255,  
206, 156) }
```

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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