

Converting Colors

XYZ(70.2985, 69.3641, 42.4844)

Have a look what the booklet for
XYZ(70.2985, 69.3641, 42.4844)
contains.

XYZ(70.2985, 69.3641, 42.4844)	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(70.2985, 69.3641,
42.4844)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD19F
RGB	255, 209, 159
RGB Percent	100%, 82%, 62%
CMY	0.0000, 0.1804, 0.3765
CMYK	0.00, 0.18, 0.38, 0.00
HSL	31°, 100%, 81%
HSV	31°, 38%, 100%
XYZ	70.2985, 69.3641, 42.4844
YIQ	217.0540, 43.4660, -5.7980

Conversions

Conversions Part 2

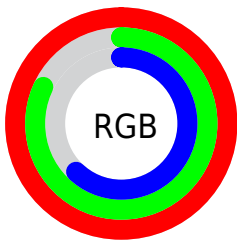
Format	Color
R_{YB}	247, 255, 159
Decimal	16765343
CIE _{Lab}	86.68, 9.57, 30.90
CIE _{LCh}	87, 32.344, 72.788
Yxy	69.3641, 0.3859, 0.3808
Android (android.graphics.Color)	4294955423 (0xFFFFD19F)
YUV	217.0540, -28.6206, 33.2786
Hunter-Lab	83.2851, 4.9176, 28.0553

Details

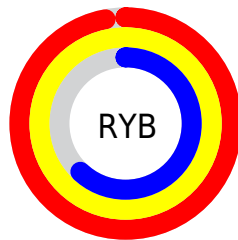
The XYZ color **70.2985, 69.3641, 42.4844** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1787, 58.2517, 102.9959**, and the grayscale version is **66.1610, 69.6065, 75.8015**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **37.4011, 36.3745, 18.9597** is the 20% darker color. If you saturate the color by 10%, you get **65.4268, 62.8041, 31.0466**, and if you desaturate by 10%, it is **75.8600, 76.5729, 56.4056**.

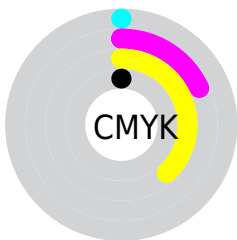
Distribution



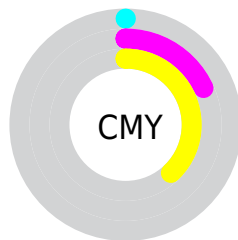
- Red (100%)
- Green (82%)
- Blue (62%)



- Red (97%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2985, 69.3641, 42.4844 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 70.2985, 69.3641, 42.4844 by changing the saturation by 10% instead.


 70.2985, 69.3641,
42.4844


 70.2985, 69.3641,
42.4844


450.8475,
458.3141, 372.3458

 52.0504, 51.0083,
29.1524


 118.6583,
118.3015, 80.2102

 37.2697, 36.2152,
18.9496


 149.5007,
149.6518, 105.4411

 25.5910, 24.6004,
11.4574


185.2719,
186.1025, 135.4753

 16.6490, 15.7796,
6.2573

226.3373,
228.0378, 170.7314

 10.0783, 9.3683,
2.9309

273.0621,
275.8423, 211.6280

 5.5136, 4.9822,
1.0594

325.8119,

 2.5894, 2.2368,

329.9002, 258.5836

0.0000

384.9519,
390.5960, 312.0166

■ 0.9406, 0.7400,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.2985, 69.3641,
42.4844

■ 70.2985, 69.3641,
42.4844

■ 65.4268, 62.8041,
31.0466

■ 75.8600, 76.5729,
56.4056

■ 61.2064, 56.8618,
21.9374

■ 82.1370, 84.4411,
72.9437

■ 57.6022, 51.5170,
14.9910

■ 89.1600, 92.9911,
92.2279

■ 54.5732, 46.7446,
10.0174

95.0500, 100.0000,
108.9000

■ 52.0713, 42.5163,
6.7933

■ 50.0352, 38.7978,
5.0239

■ 49.6039, 37.9877,
4.7180

Harmonies

Analogous

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



77.1145, 69.3641, 50.7525



70.2985, 69.3641, 42.4844



62.7807, 69.3641, 41.9234

Triad

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



70.2985, 69.3641, 42.4844



52.8141, 69.3641, 85.0637



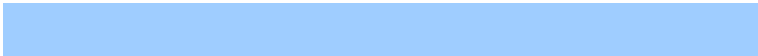
76.2421, 69.3641, 110.1582

Complementary

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



70.2985, 69.3641, 42.4844



54.1787, 58.2517, 102.9959

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.



69.1798, 69.3641, 123.5116



70.2985, 69.3641, 42.4844



55.8802, 69.3641, 107.2780

Square

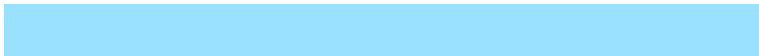
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2985, 69.3641, 42.4844



53.0635, 69.3641, 63.9273



61.7435, 69.3641, 122.3673



80.7209, 69.3641, 88.4484

Rectangle

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



70.2985, 69.3641, 42.4844



58.4071, 69.3641, 45.7978



61.7435, 69.3641, 122.3673



74.0694, 69.3641, 115.9428

Sweetspot

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



70.3002, 69.3673, 42.4858



86.7198, 90.0465, 85.4470



64.7064, 50.4841, 64.3457



18.3557, 19.0236, 17.7218



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.



70.3002, 69.3673, 42.4858



66.6515, 64.4796, 33.8406



82.6720, 94.9811, 46.7777



18.7922, 19.5526, 18.9279



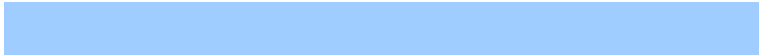
26.0696, 20.1505, 2.5154



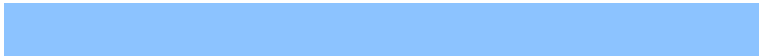
2.6477, 2.1809, 0.2814

Inverse Universe

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



54.1787, 58.2517, 102.9959



48.4736, 51.9496, 102.0802



45.0663, 39.5527, 99.8669



17.7210, 18.8137, 22.9474



13.2267, 11.3629, 50.9307



1.3965, 1.3236, 4.9952

Previews

White Background



This preview shows how the XYZ color 70.2985, 69.3641, 42.4844 looks on a white background.

Color Contrast Check

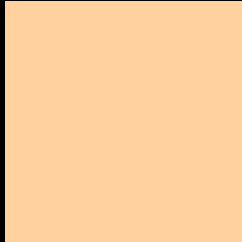
Large Text (above 18pt) WCAG AA × Fail

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 70.2985, 69.3641, 42.4844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

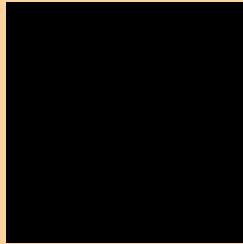
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2985, 69.3641, 42.4844

Background



This preview shows how black text looks on a background with the XYZ color 70.2985, 69.3641, 42.4844.



This preview shows how white text looks on a background with the XYZ color 70.2985, 69.3641,

42.4844.

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

70.2985, 69.3641, 42.4844

Protanopia

65.0280, 69.5937, 44.6559

Deuteranopia

70.6513, 69.5053, 44.3425



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

70.2985, 69.3641, 42.4844

Protanomaly

66.8438, 69.4025, 44.0554

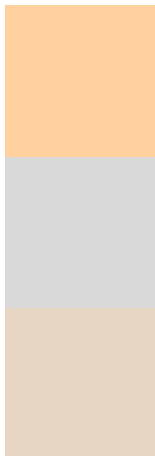
Deuteranomaly

70.5621, 69.4696, 43.8724

Tritanomaly

73.2751, 69.3881, 61.7558

Monochromacy



Original Color

70.2985, 69.3641, 42.4844

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.9654, 69.0676, 62.0265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2985, 69.3641, 42.4844 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, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 159)  
}
```

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, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 159) }
```

Border

The CSS property to change the border of an element to XYZ 70.2985, 69.3641, 42.4844 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, 209, 159) }
```


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

```
.border{ border-color:rgb(255, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2985, 69.3641, 42.4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 159) }
```

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

```
.background{ background-color: rgb(255,  
209, 159) }
```

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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