

Converting Colors

XYZ(70.8408, 72.3734, 41.5641)

Have a look what the booklet for
XYZ(70.8408, 72.3734, 41.5641)
contains.

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Color

**XYZ(70.7015, 72.2075,
41.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD89C
RGB	252, 216, 156
RGB Percent	99%, 85%, 61%
CMY	0.0118, 0.1529, 0.3882
CMYK	0.00, 0.14, 0.38, 0.01
HSL	38°, 94%, 80%
HSV	38°, 38%, 99%
XYZ	70.7015, 72.2075, 41.6636
YIQ	219.9240, 40.7160, -11.0280

Conversions

Conversions Part 2

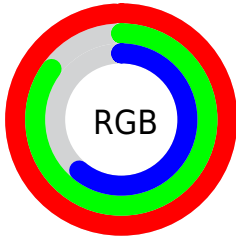
Format	Color
R_{YB}	214, 252, 156
Decimal	16570524
CIE _{Lab}	88.07, 4.47, 34.23
CIE _{LCh}	88, 34.520, 82.566
Yxy	72.2075, 0.3831, 0.3912
Android (android.graphics.Color)	4294760604 (0xFFFCDB9C)
YUV	219.9240, -31.5145, 28.1307
Hunter-Lab	84.9750, -0.1894, 30.4124

Details

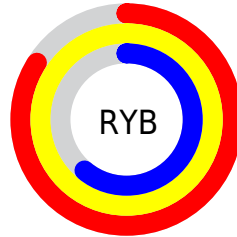
The XYZ color **70.7015, 72.2075, 41.6636** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.1301, 51.7937, 99.4504**, and the grayscale version is **68.1691, 71.7192, 78.1022**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **37.4917, 37.9585, 18.4474** is the 20% darker color. If you saturate the color by 10%, you get **66.4341, 66.7405, 30.7833**, and if you desaturate by 10%, it is **75.5545, 78.1367, 54.9246**.

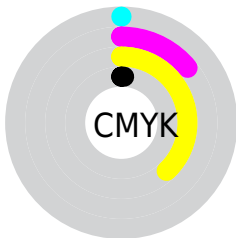
Distribution



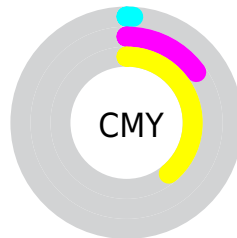
- Red (99%)
- Green (85%)
- Blue (61%)



- Red (84%)
- Yellow (99%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7015, 72.2075, 41.6636 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 70.7015, 72.2075, 41.6636 by changing the saturation by 10% instead.


 70.7015, 72.2075,
41.6636


 70.7015, 72.2075,
41.6636


452.2374,
468.2635, 368.8450

 52.3803, 53.3282,
28.5144


 119.2294,
122.3515, 78.9548

 37.5338, 38.0648,
18.4713


 150.1669,
154.3850, 103.9339

 25.7966, 26.0330,
11.1160

186.0404,
191.5720, 133.6934

 16.8034, 16.8483,
6.0298

227.2154,
234.2969, 168.6517

 10.1889, 10.1264,
2.7941

274.0573,
282.9441, 209.2275

 5.5876, 5.4829,
0.9905

326.9313,

 2.6342, 2.5333,

337.8980, 255.8393

0.0000

386.2029,
399.5430, 308.9056

■ 0.9634, 0.8932,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7015, 72.2075,
41.6636

■ 70.7015, 72.2075,
41.6636

■ 66.4341, 66.7405,
30.7833

■ 75.5545, 78.1367,
54.9246

■ 62.7169, 61.7100,
22.1331

■ 81.0151, 84.5326,
70.6955

■ 59.5186, 57.1024,
15.5524

■ 87.1106, 91.4124,
89.1011

■ 56.8020, 52.8986,
10.8566

■ 93.5734, 98.6725,
108.7216

■ 54.5233, 49.0774,
7.8276

93.9548, 99.4354,
108.8487

■ 52.6236, 45.6109,
6.1681

■ 52.2891, 44.9840,
5.9268

Harmonies

Analogous

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



78.7196, 72.2075, 47.8136



70.7015, 72.2075, 41.6636



62.7285, 72.2075, 43.7220

Triad

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



70.7015, 72.2075, 41.6636



55.0148, 72.2075, 97.3527



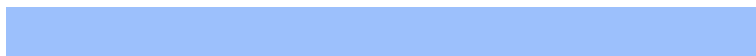
81.9970, 72.2075, 109.5554

Complementary

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



70.7015, 72.2075, 41.6636



50.1301, 51.7937, 99.4504

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.



74.8928, 72.2075, 128.4103



70.7015, 72.2075, 41.6636



59.4435, 72.2075, 120.4389

Square

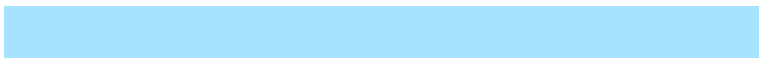
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7015, 72.2075, 41.6636



54.0881, 72.2075, 72.8957



66.6014, 72.2075, 132.7477



85.5718, 72.2075, 84.6400

Rectangle

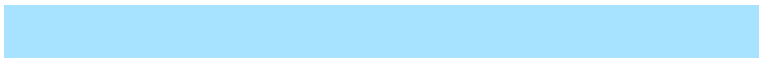
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7015, 72.2075, 41.6636



58.4614, 72.2075, 49.7131



66.6014, 72.2075, 132.7477



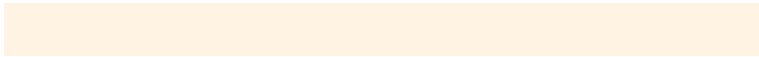
79.9166, 72.2075, 117.0012

Sweetspot

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



70.7033, 72.2109, 41.6651



87.5944, 91.7957, 85.7385



61.6372, 48.3145, 56.4129



18.5643, 19.4408, 17.7913



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.



70.7033, 72.2109, 41.6651



69.1049, 69.6845, 33.7393



77.0187, 90.6867, 44.8984



18.1486, 19.0330, 18.1796



27.3843, 23.7253, 3.1361



2.6381, 2.4010, 0.3244

Inverse Universe

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



50.1301, 51.7937, 99.4504



45.1442, 45.9229, 101.0924



45.4385, 39.0434, 97.2366



16.8162, 17.7093, 21.9172



11.3902, 8.1360, 48.9436



1.1530, 0.9497, 4.5657

Previews

White Background



This preview shows how the XYZ color 70.7015, 72.2075, 41.6636 looks on a white background.

Color Contrast Check

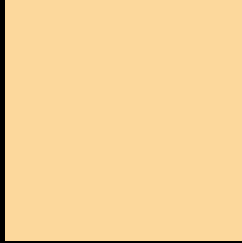
Large Text (above 18pt) WCAG AA × Fail

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 70.7015, 72.2075, 41.6636 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 70.7015, 72.2075, 41.6636

Background



This preview shows how black text looks on a background with the XYZ color 70.7015, 72.2075, 41.6636.



This preview shows how white text looks on a background with the XYZ color 70.7015, 72.2075,

41.6636.

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

70.7015, 72.2075, 41.6636

Protanopia

67.2879, 72.3587, 42.7679

Deuteranopia

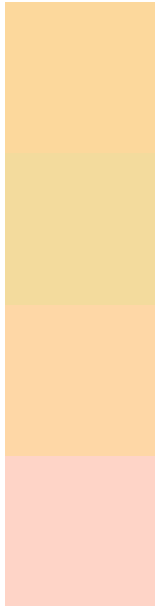
72.7330, 72.3317, 49.1577



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

70.7015, 72.2075, 41.6636

Protanomaly

68.3795, 72.1520, 42.2210

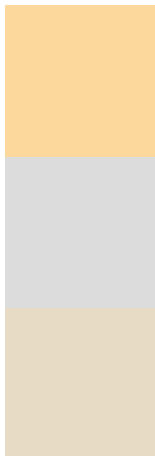
Deuteranomaly

72.0564, 72.4249, 46.2580

Tritanomaly

74.7253, 72.2813, 64.0461

Monochromacy



Original Color

70.7015, 72.2075, 41.6636

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.6883, 71.8501, 63.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7015, 72.2075, 41.6636 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(252, 216, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 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(252, 216, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 156) }
```

Border

The CSS property to change the border of an element to XYZ 70.7015, 72.2075, 41.6636 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(252, 216, 156) }
```


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

```
.border{ border-color:rgb(252, 216, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7015, 72.2075, 41.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 156) }
```

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

```
.background{ background-color: rgb(252,  
216, 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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