

Converting Colors

XYZ(95.5237, 84.8080, 43.4118)

Have a look what the booklet for
XYZ(95.5237, 84.8080, 43.4118)
contains.

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Color

**XYZ(71.8817, 72.8061,
42.1627)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD89D
RGB	255, 216, 157
RGB Percent	100%, 85%, 62%
CMY	0.0000, 0.1529, 0.3843
CMYK	0.00, 0.15, 0.38, 0.00
HSL	36°, 100%, 81%
HSV	36°, 38%, 100%
XYZ	71.8817, 72.8061, 42.1627
YIQ	220.9350, 42.1830, -10.0810

Conversions

Conversions Part 2

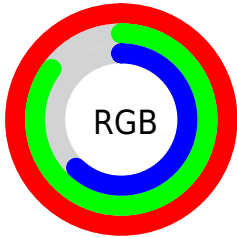
Format	Color
R _Y B	222, 255, 157
Decimal	16767133
CIE Lab	88.36, 5.74, 34.15
CIE LCh	88, 34.625, 80.463
Yxy	72.8061, 0.3847, 0.3896
Android (android.graphics.Color)	4294957213 (0xFFFFD89D)
YUV	220.9350, -31.5200, 29.8750
Hunter-Lab	85.3265, 1.0526, 30.4314

Details

The XYZ color **71.8817, 72.8061, 42.1627** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.6939, 53.8661, 102.2804**, and the grayscale version is **68.8768, 72.4637, 78.9130**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **38.3206, 38.3800, 18.7530** is the 20% darker color. If you saturate the color by 10%, you get **67.4085, 66.9876, 31.0287**, and if you desaturate by 10%, it is **76.9735, 79.1342, 55.7460**.

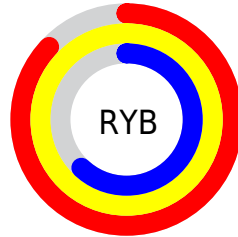
Distribution



Red (100%)

Green (85%)

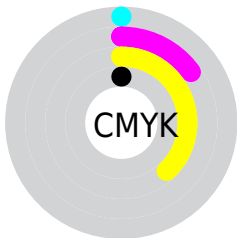
Blue (62%)



Red (87%)

Yellow (100%)

Blue (62%)

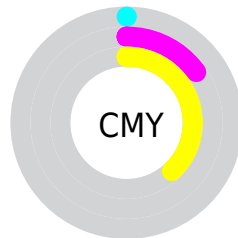


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8817, 72.8061, 42.1627 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 71.8817, 72.8061, 42.1627 by changing the saturation by 10% instead.


 71.8817, 72.8061,
42.1627


 71.8817, 72.8061,
42.1627

456.2938,
470.3425, 370.9765

 53.3472, 53.8174,
28.9022


 120.9000,
123.2019, 79.7186

 38.3086, 38.4557,
18.7619


 152.1145,
155.3778, 104.8510

 26.4006, 26.3366,
11.3233


188.2864,
192.7183, 134.7778

 17.2578, 17.0756,
6.1678

229.7810,
235.6077, 169.9175

 10.5149, 10.2884,
2.8770

276.9637,
284.4304, 210.6887

 5.8065, 5.5906,
1.0322

330.1998,

 2.7673, 2.5978,

339.5709, 257.5099

0.0000

389.8547,
401.4134, 310.7997

■ 1.0320, 0.9255,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8817, 72.8061,
42.1627

■ 71.8817, 72.8061,
42.1627

■ 67.4085, 66.9876,
31.0287

■ 76.9735, 79.1342,
55.7460

■ 63.5170, 61.6515,
22.1884

■ 82.7072, 85.9777,
71.9121

■ 60.1745, 56.7824,
15.4756

■ 89.1114, 93.3551,
90.7900

■ 57.3416, 52.3599,
10.6989

95.0500, 100.0000,
108.9000

■ 54.9727, 48.3605,
7.6324

■ 53.0046, 44.7540,
5.9597

■ 52.7191, 44.2181,
5.7564

Harmonies

Analogous

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



79.8796, 72.8061, 48.9565



71.8817, 72.8061, 42.1627



63.7622, 72.8061, 43.6607

Triad

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



71.8817, 72.8061, 42.1627



55.2816, 72.8061, 96.3744



82.2706, 72.8061, 112.1229

Complementary

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



71.8817, 72.8061, 42.1627



51.6939, 53.8661, 102.2804

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.



74.9386, 72.8061, 130.3487



71.8817, 72.8061, 42.1627



59.5174, 72.8061, 120.0675

Square

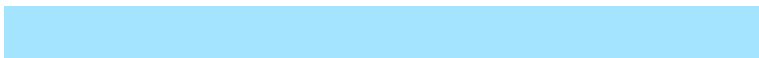
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8817, 72.8061, 42.1627



54.6064, 72.8061, 71.9297



66.5859, 72.8061, 133.5161



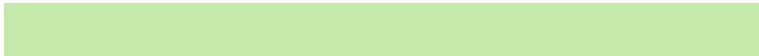
86.1864, 72.8061, 87.1008

Rectangle

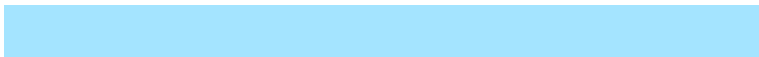
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8817, 72.8061, 42.1627



59.3387, 72.8061, 49.3020



66.5859, 72.8061, 133.5161



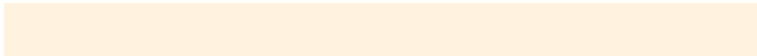
80.0974, 72.8061, 119.4417

Sweetspot

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



71.8835, 72.8095, 42.1642



86.7469, 90.6596, 83.7328



63.2840, 49.3693, 58.5385



18.3869, 19.1974, 17.3885



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

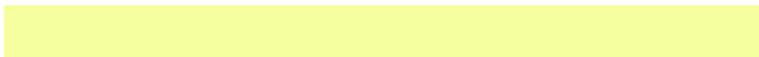
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8835, 72.8095, 42.1642



68.4413, 68.3573, 33.5181



79.5720, 93.4029, 45.7339



18.9193, 19.8067, 18.9703



27.6968, 23.4049, 3.0578



2.8036, 2.4925, 0.3333

Inverse Universe

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



51.6939, 53.8661, 102.2804



45.6999, 47.0342, 101.2776



46.0018, 39.5286, 99.8129



17.5961, 18.5637, 22.9057



12.0227, 8.9551, 50.5294



1.2738, 1.0783, 4.9543

Previews

White Background



This preview shows how the XYZ color 71.8817, 72.8061, 42.1627 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 71.8817, 72.8061, 42.1627 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 71.8817, 72.8061, 42.1627

Background



This preview shows how black text looks on a background with the XYZ color 71.8817, 72.8061, 42.1627.



This preview shows how white text looks on a background with the XYZ color 71.8817, 72.8061,

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

71.8817, 72.8061, 42.1627

Protanopia

67.9759, 73.0965, 43.3272

Deuteranopia

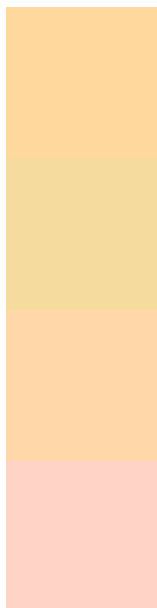
73.2783, 72.9560, 50.7772



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

71.8817, 72.8061, 42.1627

Protanomaly

69.4209, 73.0675, 42.7923

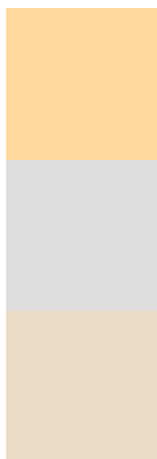
Deuteranomaly

72.6083, 72.6880, 47.2491

Tritanomaly

75.0923, 72.4705, 64.0632

Monochromacy



Original Color

71.8817, 72.8061, 42.1627

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1288, 72.0639, 63.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8817, 72.8061, 42.1627 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, 216, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 157)  
}
```

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, 216, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 157) }
```

Border

The CSS property to change the border of an element to XYZ 71.8817, 72.8061, 42.1627 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, 216, 157) }
```


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

```
.border{ border-color:rgb(255, 216, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8817, 72.8061, 42.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 157) }
```

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

```
.background{ background-color: rgb(255,  
216, 157) }
```

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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