

Converting Colors

XYZ(69.6659, 70.9720, 42.4201)

Have a look what the booklet for
XYZ(69.6659, 70.9720, 42.4201)
contains.

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Color

**XYZ(69.6425, 70.8858,
42.3595)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD69E
RGB	250, 214, 158
RGB Percent	98%, 84%, 62%
CMY	0.0196, 0.1608, 0.3804
CMYK	0.00, 0.14, 0.37, 0.02
HSL	37°, 90%, 80%
HSV	37°, 37%, 98%
XYZ	69.6425, 70.8858, 42.3595
YIQ	218.3800, 39.4320, -9.7840

Conversions

Conversions Part 2

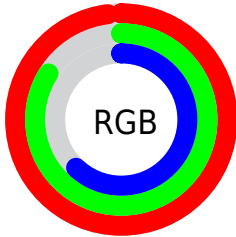
Format	Color
RYB	217, 250, 158
Decimal	16438942
CIELab	87.43, 4.95, 32.32
CIELCh	87, 32.701, 81.299
Yxy	70.8858, 0.3808, 0.3876
Android (android.graphics.Color)	4294629022 (0xFFFFAD69E)
YUV	218.3800, -29.7673, 27.7307
Hunter-Lab	84.1937, 0.3108, 29.1056

Details

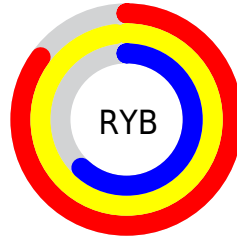
The XYZ color **69.6425, 70.8858, 42.3595** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6471, 52.7530, 97.9555**, and the grayscale version is **67.0845, 70.5782, 76.8596**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **36.7379, 37.0433, 18.8495** is the 20% darker color. If you saturate the color by 10%, you get **65.3046, 65.3105, 31.3553**, and if you desaturate by 10%, it is **74.5704, 76.9402, 55.7215**.

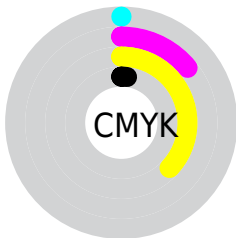
Distribution



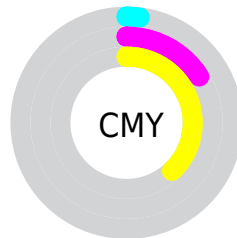
- Red (98%)
- Green (84%)
- Blue (62%)



- Red (85%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6425, 70.8858, 42.3595 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 69.6425, 70.8858, 42.3595 by changing the saturation by 10% instead.


 69.6425, 70.8858,
42.3595


 69.6425, 70.8858,
42.3595

448.5798,
463.6541, 371.8146

 51.5137, 52.2490,
29.0552


 117.7278,
120.4711, 80.0194

 36.8403, 37.2036,
18.8767


 148.4151,
152.1884, 105.2121

 25.2570, 25.3652,
11.4053

184.0192,
189.0347, 135.2046

 16.3984, 16.3493,
6.2225

224.9055,
231.3943, 170.4156

 9.8991, 9.7717,
2.9099

271.4393,
279.6516, 211.2636

 5.3939, 5.2478,
1.0488

323.9861,

 2.5173, 2.3934,

334.1911, 258.1670

0.0000

382.9111,
395.3972, 311.5445

■ 0.9040, 0.8225,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6425, 70.8858,
42.3595

■ 69.6425, 70.8858,
42.3595

■ 65.3046, 65.3105,
31.3553

■ 74.5704, 76.9402,
55.7215

■ 61.5221, 60.1884,
22.5629

■ 80.1099, 83.4785,
71.5665

■ 58.2644, 55.5057,
15.8268

■ 86.2880, 90.5180,
90.0161

■ 55.4952, 51.2436,
10.9693

■ 92.6409, 97.8772,
108.6172

■ 53.1723, 47.3806,
7.7819

■ 93.2344, 99.0640,
108.8150

■ 51.2429, 43.8909,
6.0008

■ 50.6834, 42.8420,
5.5980

Harmonies

Analogous

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



77.0763, 70.8858, 48.5618



69.6425, 70.8858, 42.3595



62.1317, 70.8858, 43.9967

Triad

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



69.6425, 70.8858, 42.3595



54.4842, 70.8858, 93.6560



79.6202, 70.8858, 106.8908

Complementary

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



69.6425, 70.8858, 42.3595



50.6471, 52.7530, 97.9555

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.



72.9049, 70.8858, 123.8859



69.6425, 70.8858, 42.3595



58.5236, 70.8858, 115.2877

Square

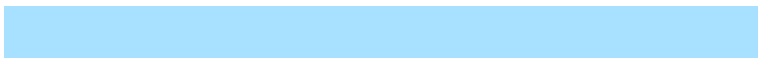
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6425, 70.8858, 42.3595



53.7566, 70.8858, 70.9362



65.1569, 70.8858, 127.2214



83.1183, 70.8858, 83.7853

Rectangle

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



69.6425, 70.8858, 42.3595



58.0559, 70.8858, 49.4764



65.1569, 70.8858, 127.2214



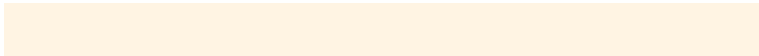
77.6411, 70.8858, 113.6778

Sweetspot

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



69.6443, 70.8891, 42.3609



87.4566, 91.5201, 85.6926



61.4794, 48.7095, 57.6735



18.5314, 19.3750, 17.7803



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.



69.6443, 70.8891, 42.3609



69.5025, 69.8766, 35.7316



76.5648, 89.5056, 45.5895



18.1240, 18.9839, 18.1714



27.0281, 23.0129, 3.0174



2.6064, 2.3376, 0.3138

Inverse Universe

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



50.6471, 52.7530, 97.9555



47.0493, 48.4542, 101.4806



45.4615, 39.5940, 95.6889



16.8400, 17.7569, 21.9251



11.5900, 8.5357, 49.0102



1.1732, 0.9900, 4.5724

Previews

White Background



This preview shows how the XYZ color 69.6425, 70.8858, 42.3595 looks on a white background.

Color Contrast Check

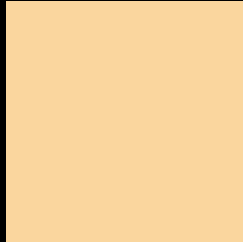
Large Text (above 18pt) WCAG AA × Fail

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 69.6425, 70.8858, 42.3595 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 69.6425, 70.8858, 42.3595

Background



This preview shows how black text looks on a background with the XYZ color 69.6425, 70.8858, 42.3595.



This preview shows how white text looks on a background with the XYZ color 69.6425, 70.8858,

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

69.6425, 70.8858, 42.3595

Protanopia

66.2688, 71.0340, 43.4759

Deuteranopia

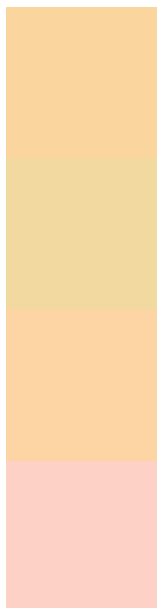
71.6021, 70.6757, 46.9137



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

69.6425, 70.8858, 42.3595

Protanomaly

67.3465, 70.8297, 42.9228

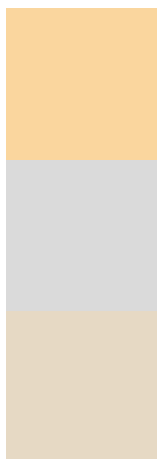
Deuteranomaly

70.7523, 70.6499, 45.0297

Tritanomaly

73.5015, 70.5608, 63.1717

Monochromacy



Original Color

69.6425, 70.8858, 42.3595

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4098, 70.4342, 62.2668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6425, 70.8858, 42.3595 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(250, 214, 158)` looks like.

```
.text, #text, p{  
    color:rgb(250, 214, 158)  
}
```

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(250, 214, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 214, 158) }
```

Border

The CSS property to change the border of an element to XYZ 69.6425, 70.8858, 42.3595 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(250, 214, 158) }
```


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

```
.border{ border-color:rgb(250, 214, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 214, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 214, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 214, 158);  
box-shadow:4px 4px 4px 4px rgb(250, 214,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6425, 70.8858, 42.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 214, 158) }
```

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

```
.background{ background-color: rgb(250,  
214, 158) }
```

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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