

Converting Colors

XYZ(65.2780, 64.0658, 42.3969)

Have a look what the booklet for
XYZ(65.2780, 64.0658, 42.3969)
contains.

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Color

**XYZ(65.2378, 63.9042,
42.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C9A0
RGB	246, 201, 160
RGB Percent	96%, 79%, 63%
CMY	0.0353, 0.2117, 0.3725
CMYK	0.00, 0.18, 0.35, 0.04
HSL	29°, 83%, 80%
HSV	29°, 35%, 96%
XYZ	65.2378, 63.9042, 42.1540
YIQ	209.7810, 39.9810, -3.2110

Conversions

Conversions Part 2

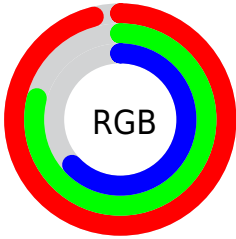
Format	Color
R _Y B	246, 238, 160
Decimal	16173472
CIE Lab	83.92, 10.38, 26.50
CIE LCh	84, 28.463, 68.611
Yxy	63.9042, 0.3808, 0.3731
Android (android.graphics.Color)	4294363552 (0xFFFF6C9A0)
YUV	209.7810, -24.5420, 31.7641
Hunter-Lab	79.9401, 5.7757, 24.6933

Details

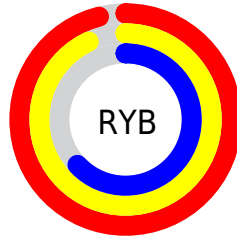
The XYZ color **65.2378, 63.9042, 42.1540** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.9622, 57.7879, 95.5515**, and the grayscale version is **61.2538, 64.4438, 70.1793**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **33.8795, 32.6415, 18.7022** is the 20% darker color. If you saturate the color by 10%, you get **60.4198, 57.3779, 30.9608**, and if you desaturate by 10%, it is **70.7364, 71.1096, 55.6761**.

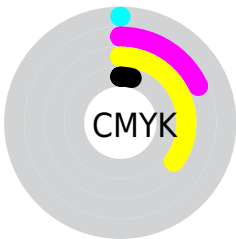
Distribution



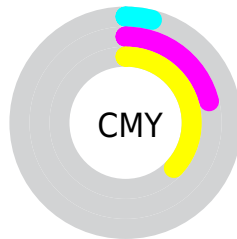
- Red (96%)
- Green (79%)
- Blue (63%)



- Red (96%)
- Yellow (93%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (4%)




- Cyan (4%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2378, 63.9042, 42.1540 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 65.2378, 63.9042, 42.1540 by changing the saturation by 10% instead.


 65.2378, 63.9042,
42.1540


 65.2378, 63.9042,
42.1540


433.1777,
438.8436, 370.9394

 47.9193, 46.5731,
28.8954


 111.4555,
110.4730, 79.7053

 33.9740, 32.6983,
18.7568

 141.0854,
140.4794, 104.8350

 23.0364, 21.8954,
11.3197


175.5499,
175.4797, 134.7589

 14.7412, 13.7801,
6.1654

215.2142,
215.8583, 169.8955

 8.7231, 7.9679,
2.8755

260.4439,
261.9996, 210.6633

 4.6167, 4.0744,
1.0314

311.6041,

 2.0566, 1.7153,

314.2880, 257.4808

0.0000

369.0603,
373.1079, 310.7667

■ 0.6654, 0.4335,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2378, 63.9042,
42.1540

■ 65.2378, 63.9042,
42.1540

■ 60.4198, 57.3779,
30.9608

■ 70.7364, 71.1096,
55.6761

■ 56.2460, 51.4995,
21.9576

■ 76.9396, 79.0063,
71.6472

■ 52.6838, 46.2479,
14.9968

■ 83.8765, 87.6173,
90.1836

■ 49.6952, 41.5974,
9.9102

■ 91.0200, 96.7408,
108.4833

■ 47.2365, 37.5195,
6.5027

■ 91.8160, 98.3328,
108.7487

■ 45.2554, 33.9814,
4.5347

■ 44.4017, 32.3842,
3.9106

Harmonies

Analogous

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



70.6437, 63.9042, 50.2013



65.2378, 63.9042, 42.1540



58.9538, 63.9042, 40.7474

Triad

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



65.2378, 63.9042, 42.1540



49.5931, 63.9042, 74.8733



68.5682, 63.9042, 100.1604

Complementary

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



65.2378, 63.9042, 42.1540



52.9622, 57.7879, 95.5515

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.



62.5599, 63.9042, 109.5558



65.2378, 63.9042, 42.1540



51.8064, 63.9042, 93.3984

Square

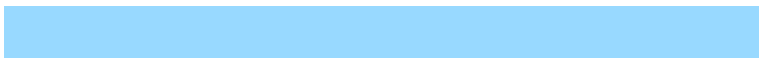
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.2378, 63.9042, 42.1540



50.2016, 63.9042, 57.7450



56.4520, 63.9042, 106.8888



72.6565, 63.9042, 82.9325

Rectangle

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



65.2378, 63.9042, 42.1540



55.1529, 63.9042, 43.4821



56.4520, 63.9042, 106.8888



66.6902, 63.9042, 104.4633

Sweetspot

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



65.2394, 63.9072, 42.1553



87.1034, 90.2463, 87.3237



61.7016, 49.1848, 64.5497



18.4188, 19.0367, 18.0914



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.



65.2394, 63.9072, 42.1553



66.9930, 64.2262, 36.8415



76.4418, 86.3119, 45.8894



17.1509, 17.7860, 17.3267



23.8384, 17.5624, 2.1335



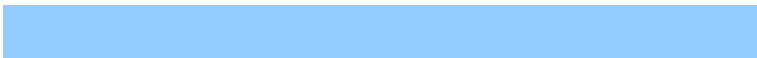
2.1974, 1.7480, 0.2216

Inverse Universe

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



52.9622, 57.7879, 95.5515



51.8218, 56.6608, 102.8131



44.2059, 40.2752, 92.6327



16.2986, 17.3615, 21.0346



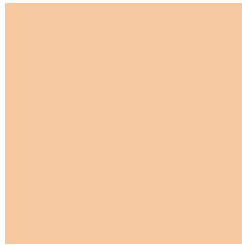
13.1899, 12.1736, 48.1926



1.2622, 1.2758, 4.2700

Previews

White Background



This preview shows how the XYZ color 65.2378, 63.9042, 42.1540 looks on a white background.

Color Contrast Check

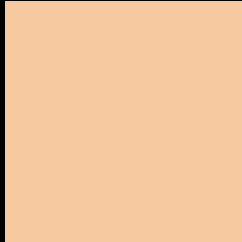
Large Text (above 18pt) WCAG AA × Fail

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 65.2378, 63.9042, 42.1540 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 65.2378, 63.9042, 42.1540

Background



This preview shows how black text looks on a background with the XYZ color 65.2378, 63.9042, 42.1540.



This preview shows how white text looks on a background with the XYZ color 65.2378, 63.9042,

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

65.2378, 63.9042, 42.1540

Protanopia

59.9327, 63.9692, 44.3105

Deuteranopia

65.2378, 63.9042, 42.1540



Tritanopia

70.5841, 63.6963, 68.8960

Trichromacy



Original Color

65.2378, 63.9042, 42.1540

Protanomaly

61.6372, 63.7759, 43.7117

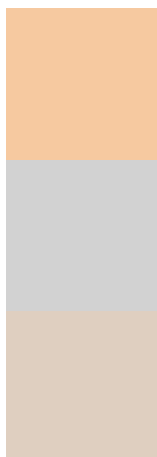
Deuteranomaly

65.2378, 63.9042, 42.1540

Tritanomaly

68.4371, 63.8338, 58.0043

Monochromacy



Original Color

65.2378, 63.9042, 42.1540

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2587, 64.1194, 58.9641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2378, 63.9042, 42.1540 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(246, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(246, 201, 160)  
}
```

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(246, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 201, 160) }
```

Border

The CSS property to change the border of an element to XYZ 65.2378, 63.9042, 42.1540 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(246, 201, 160) }
```


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

```
.border{ border-color:rgb(246, 201, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 201, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 201, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 201, 160);  
box-shadow:4px 4px 4px 4px rgb(246, 201,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2378, 63.9042, 42.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 201, 160) }
```

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

```
.background{ background-color: rgb(246,  
201, 160) }
```

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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