

Converting Colors

XYZ(64.9370, 62.8992, 42.7521)

Have a look what the booklet for
XYZ(64.9370, 62.8992, 42.7521)
contains.

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Color

**XYZ(64.9510, 63.0483,
42.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C7A2
RGB	246, 199, 162
RGB Percent	96%, 78%, 64%
CMY	0.0353, 0.2196, 0.3647
CMYK	0.00, 0.19, 0.34, 0.04
HSL	26°, 82%, 80%
HSV	26°, 34%, 96%
XYZ	64.9510, 63.0483, 42.9287
YIQ	208.8350, 39.8890, -1.5430

Conversions

Conversions Part 2

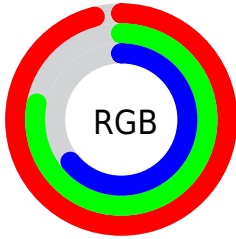
Format	Color
R _Y B	246, 228, 162
Decimal	16172962
CIE Lab	83.47, 11.66, 24.84
CIE LCh	83, 27.445, 64.848
Yxy	63.0483, 0.3800, 0.3689
Android (android.graphics.Color)	4294363042 (0xFFFF6C7A2)
YUV	208.8350, -23.0897, 32.5937
Hunter-Lab	79.4030, 7.0564, 23.5273

Details

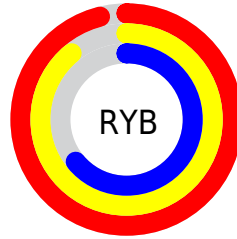
The XYZ color **64.9510, 63.0483, 42.9287** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.3345, 59.9341, 95.8934**, and the grayscale version is **60.6257, 63.7829, 69.4596**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **33.6789, 32.0680, 19.1665** is the 20% darker color. If you saturate the color by 10%, you get **59.9502, 56.2104, 31.5083**, and if you desaturate by 10%, it is **70.6692, 70.6360, 56.6999**.

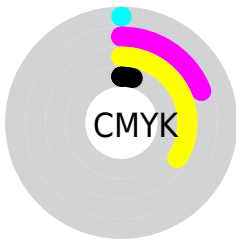
Distribution



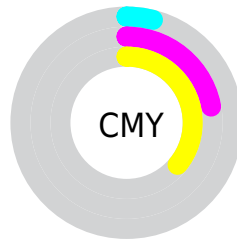
- Red (96%)
- Green (78%)
- Blue (64%)



- Red (96%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9510, 63.0483, 42.9287 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 64.9510, 63.0483, 42.9287 by changing the saturation by 10% instead.

64.9510, 63.0483,
42.9287

64.9510, 63.0483,
42.9287

432.1639,
435.7448, 374.2311

47.6859, 45.8803,
29.4982

111.0455,
109.2392, 80.8885

33.7884, 32.1514,
19.2092

140.6056,
139.0309, 106.2548

22.8932, 21.4771,
11.6432

174.9948,
173.7992, 136.4368

14.6349, 13.4732,
6.3816

214.5784,
213.9286, 171.8530

8.6482, 7.7552,
3.0060

259.7217,
259.8035, 212.9220

4.5677, 3.9387,
1.0977

310.7902,

2.0281, 1.6393,

311.8082, 260.0624

0.0000

368.1491,
370.3271, 313.6925

0.6496, 0.3839,
0.0000

0.0000, 0.0000,
0.0000

64.9510, 63.0483,
42.9287

64.9510, 63.0483,
42.9287

59.9502, 56.2104,
31.5083

70.6692, 70.6360,
56.6999

55.6294, 50.0884,
22.3004

77.1304, 78.9884,
72.9418

51.9547, 44.6584,
15.1580

84.3644, 88.1311,
91.7705

48.8866, 39.8915,
9.9145

91.5160, 97.7327,
108.6486

■ 46.3805, 35.7559,
6.3767

■ 91.8160, 98.3328,
108.7487

■ 44.3831, 32.2158,
4.3089

■ 43.4080, 30.3967,
3.5793

Harmonies

Analogous

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



69.8747, 63.0483, 51.4863



64.9510, 63.0483, 42.9287



58.9582, 63.0483, 40.7670

Triad

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



64.9510, 63.0483, 42.9287



49.1745, 63.0483, 71.4719



66.7446, 63.0483, 99.4046

Complementary

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



64.9510, 63.0483, 42.9287



54.3345, 59.9341, 95.8934

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.



60.9033, 63.0483, 107.0041



64.9510, 63.0483, 42.9287



50.9686, 63.0483, 89.2556

Square

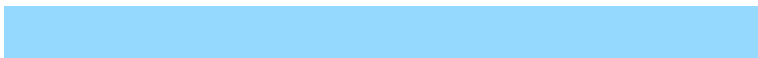
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9510, 63.0483, 42.9287



50.1006, 63.0483, 55.5720



55.1662, 63.0483, 103.0122



70.9576, 63.0483, 83.6313

Rectangle

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



64.9510, 63.0483, 42.9287



55.2187, 63.0483, 42.8746



55.1662, 63.0483, 103.0122



64.8925, 63.0483, 103.1093

Sweetspot

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



64.9526, 63.0512, 42.9300



86.8293, 89.6982, 87.2324



62.5098, 50.0674, 67.0816



18.3526, 18.9043, 18.0693



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

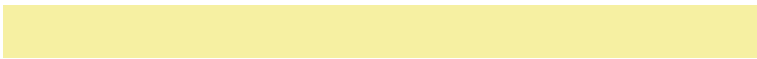
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.9526, 63.0512, 42.9300



66.6361, 63.1861, 37.7286



75.8057, 84.7575, 46.5477



17.0999, 17.6839, 17.3096



23.3039, 16.4935, 1.9553



2.1488, 1.6508, 0.2054

Inverse Universe

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



54.3345, 59.9341, 95.8934



53.4968, 59.3191, 103.2379



45.4644, 42.1938, 92.9367



16.3502, 17.4647, 21.0519



13.8437, 13.4811, 48.4105



1.3190, 1.3895, 4.2889

Previews

White Background



This preview shows how the XYZ color 64.9510, 63.0483, 42.9287 looks on a white background.

Color Contrast Check

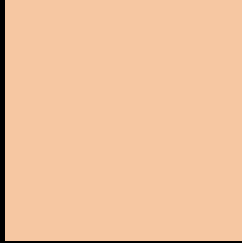
Large Text (above 18pt) WCAG AA × Fail

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 64.9510, 63.0483, 42.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

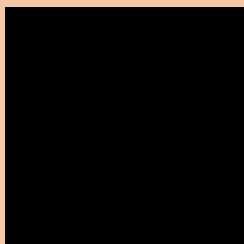
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9510, 63.0483, 42.9287

Background



This preview shows how black text looks on a background with the XYZ color 64.9510, 63.0483, 42.9287.



This preview shows how white text looks on a background with the XYZ color 64.9510, 63.0483,

42.9287.

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

64.9510, 63.0483, 42.9287

Protanopia

59.2576, 63.2371, 45.1592

Deuteranopia

64.4841, 63.1503, 42.9730



Tritanopia

70.2388, 63.2032, 68.1720

Trichromacy



Original Color

64.9510, 63.0483, 42.9287

Protanomaly

61.2560, 63.2022, 44.5680

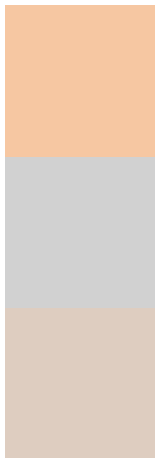
Deuteranomaly

64.8321, 63.3297, 42.9892

Tritanomaly

67.9860, 62.9315, 57.8540

Monochromacy



Original Color

64.9510, 63.0483, 42.9287

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4700, 62.9980, 58.7892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9510, 63.0483, 42.9287 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, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 162)  
}
```

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, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 162) }
```

Border

The CSS property to change the border of an element to XYZ 64.9510, 63.0483, 42.9287 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, 199, 162) }
```


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

```
.border{ border-color:rgb(246, 199, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 199, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 199, 162); box-shadow:4px 4px 4px 4px rgb(246, 199, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9510, 63.0483, 42.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 162) }
```

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

```
.background{ background-color: rgb(246,  
199, 162) }
```

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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