

Converting Colors

XYZ(64.5288, 61.2705, 42.2368)

Have a look what the booklet for
XYZ(64.5288, 61.2705, 42.2368)
contains.

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Color

**XYZ(64.4362, 61.1132,
42.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C2A1
RGB	248, 194, 161
RGB Percent	97%, 76%, 63%
CMY	0.0275, 0.2392, 0.3686
CMYK	0.00, 0.22, 0.35, 0.03
HSL	23°, 86%, 80%
HSV	23°, 35%, 97%
XYZ	64.4362, 61.1132, 42.1181
YIQ	206.3840, 42.7770, 1.1850

Conversions

Conversions Part 2

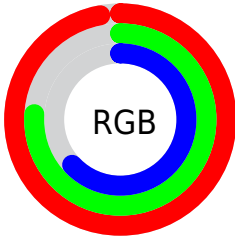
Format	Color
R _Y B	248, 214, 161
Decimal	16302753
CIE Lab	82.44, 14.93, 24.00
CIE LCh	82, 28.264, 58.113
Yxy	61.1132, 0.3843, 0.3645
Android (android.graphics.Color)	4294492833 (0xFFFF8C2A1)
YUV	206.3840, -22.3743, 36.4972
Hunter-Lab	78.1749, 10.3237, 22.7789

Details

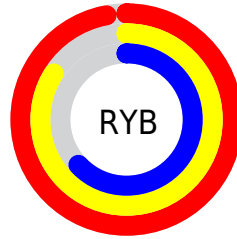
The XYZ color **64.4362, 61.1132, 42.1181** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.9409, 62.9532, 98.0098**, and the grayscale version is **59.0334, 62.1077, 67.6353**.

A 20% lighter version of the original color is **88.1319, 95.2122, 78.6985**, and **33.3736, 30.8074, 18.6554** is the 20% darker color. If you saturate the color by 10%, you get **59.2127, 53.8257, 30.6363**, and if you desaturate by 10%, it is **70.4515, 69.2896, 56.0050**.

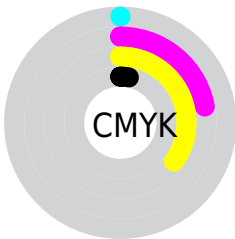
Distribution



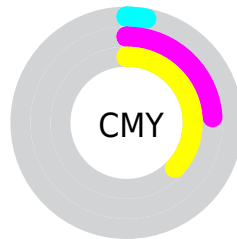
- Red (97%)
- Green (76%)
- Blue (63%)



- Red (97%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4362, 61.1132, 42.1181 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 64.4362, 61.1132, 42.1181 by changing the saturation by 10% instead.


 64.4362, 61.1132,
42.1181

 64.4362, 61.1132,
42.1181


430.3404,
428.6889, 370.7864

 47.2671, 44.3165,
28.8675


 110.3091,
106.4428, 79.6504

 33.4557, 30.9194,
18.7359

 139.7436,
135.7446, 104.7691

 22.6366, 20.5375,
11.3047


173.9973,
169.9835, 134.6810

 14.4447, 12.7864,
6.1554

213.4355,
209.5439, 169.8045

 8.5143, 7.2816,
2.8695

258.4235,
254.8103, 210.5583

 4.4803, 3.6388,
1.0284


309.3268,

 1.9773, 1.4737,


306.1670, 257.3609


0.0000


366.5106,
363.9984, 310.6307


 0.6212, 0.2701,
0.0000


 0.0000, 0.0000,
0.0000

 64.4362, 61.1132,
42.1181


 64.4362, 61.1132,
42.1181


 59.2127, 53.8257,
30.6363


 70.4515, 69.2896,
56.0050


 54.7397, 47.3867,
21.4166

 77.2878, 78.3763,
72.4212

 50.9790, 41.7650,
14.3063

 84.9784, 88.4048,
91.4869

 47.8865, 36.9241,
9.1321

 92.5214, 98.6965,
108.7817

■ 45.4123, 32.8238,
5.6925

■ 43.4967, 29.4188,
3.7402

■ 42.7216, 27.9768,
3.1484

Harmonies

Analogous

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



68.9377, 61.1132, 52.0740



64.4362, 61.1132, 42.1181



58.4693, 61.1132, 38.5396

Triad

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



64.4362, 61.1132, 42.1181



47.2401, 61.1132, 65.4534



63.7295, 61.1132, 100.3809

Complementary

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



64.4362, 61.1132, 42.1181



55.9409, 62.9532, 98.0098

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.



57.7049, 61.1132, 105.6043



64.4362, 61.1132, 42.1181



48.4378, 61.1132, 83.4682

Square

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



64.4362, 61.1132, 42.1181



48.7772, 61.1132, 50.4808



52.1678, 61.1132, 98.9482



68.5103, 61.1132, 85.6925

Rectangle

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



64.4362, 61.1132, 42.1181



54.5517, 61.1132, 39.6829



52.1678, 61.1132, 98.9482



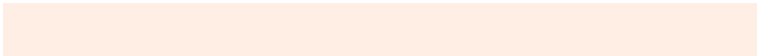
61.7703, 61.1132, 103.4028

Sweetspot

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



64.4378, 61.1161, 42.1193



85.5539, 87.7146, 85.0583



63.8643, 50.4099, 71.3981



18.0783, 18.4688, 17.6293



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.



64.4378, 61.1161, 42.1193



64.6741, 59.5885, 36.0685



75.2554, 82.7514, 45.7252



17.7842, 18.3043, 18.0582



23.2027, 15.3620, 1.7422



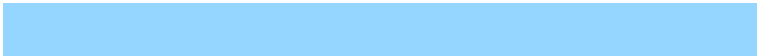
2.2475, 1.6199, 0.1942

Inverse Universe

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



55.9409, 62.9532, 98.0098



54.3849, 61.7870, 103.6674



46.5088, 44.0891, 94.8658



17.1803, 18.4375, 22.0386



15.5272, 16.4100, 50.3226



1.5403, 1.7242, 4.6948

Previews

White Background



This preview shows how the XYZ color 64.4362, 61.1132, 42.1181 looks on a white background.

Color Contrast Check

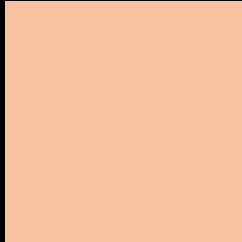
Large Text (above 18pt) WCAG AA × Fail

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 64.4362, 61.1132, 42.1181 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 64.4362, 61.1132, 42.1181

Background



This preview shows how black text looks on a background with the XYZ color 64.4362, 61.1132, 42.1181.



This preview shows how white text looks on a background with the XYZ color 64.4362, 61.1132,

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

64.4362, 61.1132, 42.1181

Protanopia

57.6277, 61.3212, 44.8753

Deuteranopia

62.2466, 60.9958, 41.7503



Tritanopia

68.9076, 60.9737, 64.6372

Trichromacy



Original Color

64.4362, 61.1132, 42.1181

Protanomaly

59.9006, 61.1116, 43.7606

Deuteranomaly

63.0472, 61.0726, 41.7229

Tritanomaly

67.2742, 60.9670, 55.7990

Monochromacy



Original Color

64.4362, 61.1132, 42.1181

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.2336, 61.3309, 57.3786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4362, 61.1132, 42.1181 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(248, 194, 161)` looks like.

```
.text, #text, p{  
    color:rgb(248, 194, 161)  
}
```

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(248, 194, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 194, 161) }
```

Border

The CSS property to change the border of an element to XYZ 64.4362, 61.1132, 42.1181 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(248, 194, 161) }
```


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

```
.border{ border-color:rgb(248, 194, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 194, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 194, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 194, 161);  
box-shadow:4px 4px 4px 4px rgb(248, 194,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4362, 61.1132, 42.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 194, 161) }
```

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

```
.background{ background-color: rgb(248,  
194, 161) }
```

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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