

Converting Colors

XYZ(63.8571, 62.1232, 43.7473)

Have a look what the booklet for
XYZ(63.8571, 62.1232, 43.7473)
contains.

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Color

**XYZ(63.8571, 62.1232,
43.7473)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3C6A4 |
| RGB | 243, 198, 164 |
| RGB Percent | 95%, 78%, 64% |
| CMY | 0.0471, 0.2235, 0.3569 |
| CMYK | 0.00, 0.19, 0.33, 0.05 |
| HSL | 26°, 77%, 80% |
| HSV | 26°, 33%, 95% |
| XYZ | 63.8571, 62.1232, 43.7473 |
| YIQ | 207.5790, 37.7340, -1.0340 |

Conversions

Conversions Part 2

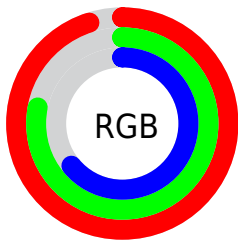
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 243, 224, 164 |
| Decimal | 15976100 |
| CIELab | 82.98, 11.29, 23.07 |
| CIELCh | 83, 25.686, 63.936 |
| Yxy | 62.1232, 0.3762, 0.3660 |
| Android (android.graphics.Color) | 4294166180 (0xFFFF3C6A4) |
| YUV | 207.5790, -21.4844, 31.0642 |
| Hunter-Lab | 78.8183, 6.6854, 22.2645 |

Details

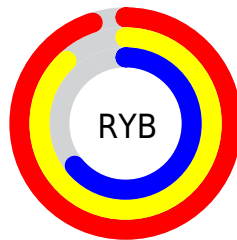
The XYZ color **63.8571, 62.1232, 43.7473** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.2873, 59.9626, 93.5069**, and the grayscale version is **59.8005, 62.9148, 68.5143**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **33.1476, 31.5555, 19.6730** is the 20% darker color. If you saturate the color by 10%, you get **58.8489, 55.2893, 32.2660**, and if you desaturate by 10%, it is **69.5770, 69.7088, 57.5357**.

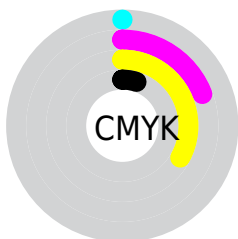
Distribution



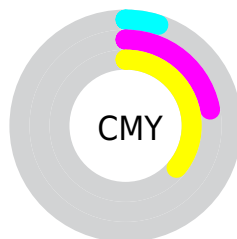
- Red (95%)
- Green (78%)
- Blue (64%)



- Red (95%)
- Yellow (88%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (5%)




- Cyan (5%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8571, 62.1232, 43.7473 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 63.8571, 62.1232, 43.7473 by changing the saturation by 10% instead.


 63.8571, 62.1232,
43.7473


 63.8571, 62.1232,
43.7473


428.2838,
432.3803, 377.6872

 46.7962, 45.1323,
30.1362


 109.4800,
107.9036, 82.1358

 33.0818, 31.5616,
19.6890


 138.7727,
137.4618, 107.7502

 22.3487, 21.0269,
11.9874


172.8734,
171.9779, 138.2028

 14.2314, 13.1436,
6.6126

212.1474,
211.8362, 173.9121

 8.3645, 7.5275,
3.1463

256.9601,
257.4213, 215.2966

 4.3828, 3.7942,
1.1698

307.6768,

 1.9209, 1.5591,

309.1174, 262.7750

0.0000

364.6629,
367.3089, 316.7657

■ 0.5889, 0.3298,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8571, 62.1232,
43.7473

■ 63.8571, 62.1232,
43.7473

■ 58.8489, 55.2893,
32.2660

■ 69.5770, 69.7088,
57.5357

■ 54.5158, 49.1735,
22.9592

■ 76.0332, 78.0610,
73.7460

■ 50.8250, 43.7520,
15.6867

■ 83.2549, 87.2053,
92.4898

■ 47.7387, 38.9962,
10.2899

■ 90.2535, 96.7573,
108.5269

■ 45.2138, 34.8747,
6.5863

■ 90.7722, 97.7947,
108.6998

■ 43.1998, 31.3525,
4.3557

■ 41.9730, 29.0762,
3.4000

Harmonies

Analogous

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



68.3437, 62.1232, 51.9832



63.8571, 62.1232, 43.7473



58.3172, 62.1232, 41.5172

Triad

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



63.8571, 62.1232, 43.7473



49.0330, 62.1232, 69.7598



65.2023, 62.1232, 96.2780

Complementary

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



63.8571, 62.1232, 43.7473



54.2873, 59.9626, 93.5069

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.



59.7813, 62.1232, 102.9169



63.8571, 62.1232, 43.7473



50.6327, 62.1232, 86.1655

Square

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



63.8571, 62.1232, 43.7473



49.9749, 62.1232, 55.0897



54.4833, 62.1232, 98.9552



69.1538, 62.1232, 81.9685

Rectangle

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



63.8571, 62.1232, 43.7473



54.8243, 62.1232, 43.3897



54.4833, 62.1232, 98.9552



63.4796, 62.1232, 99.5743

Sweetspot

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



63.8587, 62.1261, 43.7486



86.7533, 89.5461, 87.2070



61.8813, 50.2636, 67.4681



18.3342, 18.8675, 18.0632



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

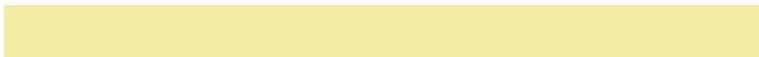
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8587, 62.1261, 43.7486



67.4786, 64.1970, 40.0878



73.7789, 81.9665, 47.0553



17.0857, 17.6556, 17.3049



23.1641, 16.2139, 1.9087



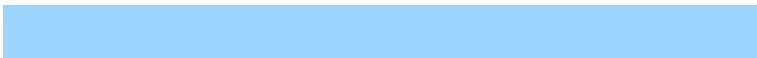
2.1359, 1.6250, 0.2011

Inverse Universe

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



54.2873, 59.9626, 93.5069



55.2650, 61.4263, 103.5514



45.9725, 43.3330, 90.7353



16.3646, 17.4936, 21.0567



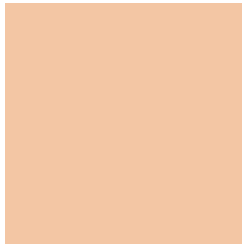
14.0353, 13.8643, 48.4744



1.3355, 1.4224, 4.2944

Previews

White Background



This preview shows how the XYZ color 63.8571, 62.1232, 43.7473 looks on a white background.

Color Contrast Check

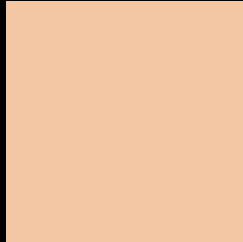
Large Text (above 18pt) WCAG AA × Fail

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 63.8571, 62.1232, 43.7473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

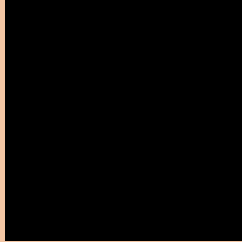
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.8571, 62.1232, 43.7473

Background



This preview shows how black text looks on a background with the XYZ color 63.8571, 62.1232, 43.7473.



This preview shows how white text looks on a background with the XYZ color 63.8571, 62.1232,

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

63.8571, 62.1232, 43.7473

Protanopia

58.3526, 62.0298, 45.9432

Deuteranopia

63.3999, 62.2280, 43.7916



Tritanopia

68.8235, 62.1607, 67.4023

Trichromacy



Original Color

63.8571, 62.1232, 43.7473

Protanomaly

60.3259, 61.9959, 45.3461

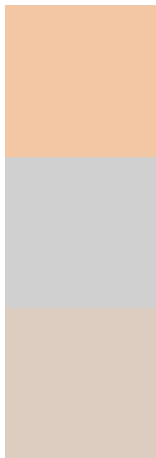
Deuteranomaly

63.7422, 62.4044, 43.8076

Tritanomaly

66.7018, 61.9380, 57.7299

Monochromacy



Original Color

63.8571, 62.1232, 43.7473

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.9261, 62.3637, 58.6954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8571, 62.1232, 43.7473 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(243, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(243, 198, 164)  
}
```

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(243, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 198, 164) }
```

Border

The CSS property to change the border of an element to XYZ 63.8571, 62.1232, 43.7473 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(243, 198, 164) }
```


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

```
.border{ border-color:rgb(243, 198, 164) }
```

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

Here you see how a box with a 4 pixel rgb(243, 198, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(243, 198,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8571, 62.1232, 43.7473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 198, 164) }
```

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

```
.background{ background-color: rgb(243,  
198, 164) }
```

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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