

Converting Colors

XYZ(68.7308, 67.9871, 62.2363)

Have a look what the booklet for
XYZ(68.7308, 67.9871, 62.2363)
contains.

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Color

**XYZ(68.8137, 68.1574,
62.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D1C5
RGB	240, 209, 197
RGB Percent	94%, 82%, 77%
CMY	0.0588, 0.1804, 0.2274
CMYK	0.00, 0.13, 0.18, 0.06
HSL	17°, 59%, 86%
HSV	17°, 18%, 94%
XYZ	68.8137, 68.1574, 62.3521
YIQ	216.9010, 22.3280, 2.8400

Conversions

Conversions Part 2

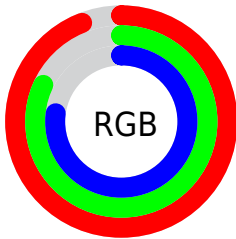
Format	Color
R_{YB}	240, 214, 197
Decimal	15782341
CIE _{Lab}	86.09, 8.95, 9.93
CIE _{LCh}	86, 13.362, 47.969
Yxy	68.1574, 0.3452, 0.3419
Android (android.graphics.Color)	4293972421 (0xFFFF0D1C5)
YUV	216.9010, -9.8112, 20.2578
Hunter-Lab	82.5575, 4.3085, 13.0111

Details

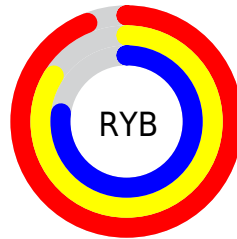
The XYZ color **68.8137, 68.1574, 62.3521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4971, 73.6467, 93.1492**, and the grayscale version is **65.9414, 69.3755, 75.5499**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **36.4464, 35.6162, 30.9403** is the 20% darker color. If you saturate the color by 10%, you get **62.2635, 59.1129, 47.6642**, and if you desaturate by 10%, it is **76.2664, 78.3050, 79.5024**.

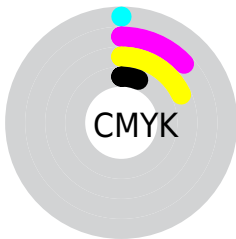
Distribution



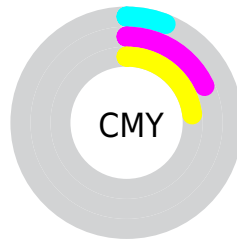
- Red (94%)
- Green (82%)
- Blue (77%)



- Red (94%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8137, 68.1574, 62.3521 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 68.8137, 68.1574, 62.3521 by changing the saturation by 10% instead.

68.8137, 68.1574,
62.3521

68.8137, 68.1574,
62.3521

445.7053,
454.0535, 451.2573

50.8361, 50.0258,
44.8796

116.5510,
116.5773, 109.8108

36.2987, 35.4339,
31.0204

147.0413,
147.6344, 140.6341

24.8361, 23.9973,
20.3558

182.4333,
183.7687, 176.7447

16.0831, 15.3316,
12.4673

223.0923,
225.3647, 218.5613

9.6742, 9.0525,
6.9364

269.3837,
272.8068, 266.5023

5.2441, 4.7754,
3.3445

321.6727,

2.4274, 2.1161,

326.4794, 320.9863

1.2731

380.3248,
386.7668, 382.4318

■ 0.8588, 0.6737,
0.0396

■ 0.0000, 0.0000,
0.0000

■ 68.8137, 68.1574,
62.3521

■ 68.8137, 68.1574,
62.3521

■ 62.2635, 59.1129,
47.6642

■ 76.2664, 78.3050,
79.5024

■ 56.5750, 51.1246,
35.3205

■ 84.6492, 89.5823,
99.2171

■ 51.7121, 44.1560,
25.1999

■ 89.7454, 97.2654,
108.6518

■ 47.6343, 38.1646,
17.1681

■ 44.2969, 33.1050,
11.0766

■ 41.6507, 28.9277,
6.7567

■ 39.6393, 25.5783,
4.0103

■ 38.1912, 22.9930,
2.5688

■ 37.9427, 22.5400,
2.3508

Harmonies

Analogous

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



70.5590, 68.1574, 69.1187



68.8137, 68.1574, 62.3521



66.0194, 68.1574, 58.8784

Triad

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



68.8137, 68.1574, 62.3521



59.1793, 68.1574, 70.7444



66.6194, 68.1574, 91.4780

Complementary

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



68.8137, 68.1574, 62.3521



66.4971, 73.6467, 93.1492

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.



63.5593, 68.1574, 92.0000



68.8137, 68.1574, 62.3521



59.3285, 68.1574, 79.5492

Square

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



68.8137, 68.1574, 62.3521



60.4961, 68.1574, 63.4611



60.9101, 68.1574, 87.4874



69.2648, 68.1574, 86.1128

Rectangle

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



68.8137, 68.1574, 62.3521



63.9668, 68.1574, 58.7003



60.9101, 68.1574, 87.4874



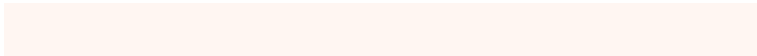
65.6032, 68.1574, 92.2402

Sweetspot

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



68.8156, 68.1605, 62.3535



90.2024, 93.4815, 97.4910



69.9799, 64.0897, 82.4705



19.1659, 19.8185, 20.5368



0.0000, 0.0000, 0.0000



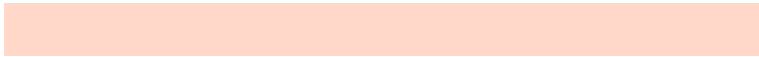
20.3446, 21.4041, 23.3091

Same Dimension

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



68.8156, 68.1605, 62.3535



76.4941, 74.8151, 65.9454



74.3015, 79.1323, 64.1822



16.1320, 16.4772, 16.4799



20.8665, 12.5311, 1.3190



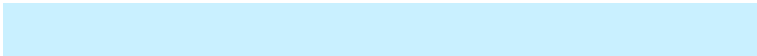
1.8168, 1.2043, 0.1367

Inverse Universe

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



66.4971, 73.6467, 93.1492



73.4334, 82.0497, 106.5746



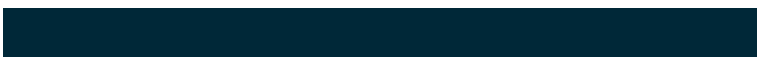
61.0759, 62.8043, 91.3421



15.8527, 17.1394, 20.1943



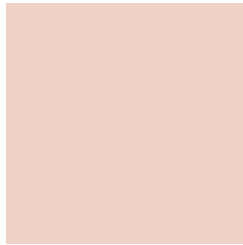
16.9078, 20.0398, 48.1048



1.4899, 1.8338, 4.0296

Previews

White Background



This preview shows how the XYZ color 68.8137, 68.1574, 62.3521 looks on a white background.

Color Contrast Check

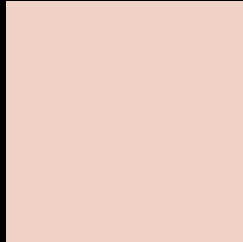
Large Text (above 18pt) WCAG AA × Fail

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 68.8137, 68.1574, 62.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

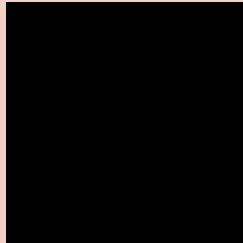
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8137, 68.1574, 62.3521

Background



This preview shows how black text looks on a background with the XYZ color 68.8137, 68.1574, 62.3521.

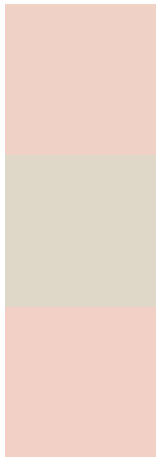


This preview shows how white text looks on a background with the XYZ color 68.8137, 68.1574,

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

68.8137, 68.1574, 62.3521

Protanopia

65.1572, 68.4590, 64.4233

Deuteranopia

69.5961, 68.1977, 62.3187



Tritanopia

71.8446, 67.9378, 77.7333

Trichromacy



Original Color

68.8137, 68.1574, 62.3521

Protanomaly

66.4162, 68.3700, 63.7291

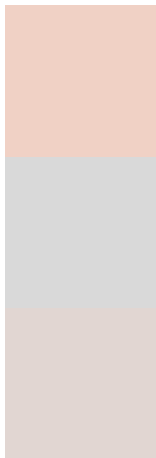
Deuteranomaly

69.2519, 68.0202, 62.3026

Tritanomaly

70.5729, 67.7733, 71.6493

Monochromacy



Original Color

68.8137, 68.1574, 62.3521

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.7308, 68.7538, 70.7265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8137, 68.1574, 62.3521 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(240, 209, 197) looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 197)  
}
```

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(240, 209, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 197) }
```

Border

The CSS property to change the border of an element to XYZ 68.8137, 68.1574, 62.3521 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(240, 209, 197) }
```


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

```
.border{ border-color:rgb(240, 209, 197) }
```

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

Here you see how a box with a 4 pixel rgb(240, 209, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 197);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8137, 68.1574, 62.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 197) }
```

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

```
.background{ background-color: rgb(240,  
209, 197) }
```

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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