

Converting Colors

XYZ(69.6397, 69.5547, 62.6292)

Have a look what the booklet for
XYZ(69.6397, 69.5547, 62.6292)
contains.

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Color

**XYZ(69.5567, 69.6434,
62.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D4C5
RGB	240, 212, 197
RGB Percent	94%, 83%, 77%
CMY	0.0588, 0.1686, 0.2274
CMYK	0.00, 0.12, 0.18, 0.06
HSL	21°, 59%, 86%
HSV	21°, 18%, 94%
XYZ	69.5567, 69.6434, 62.5998
YIQ	218.6620, 21.5030, 1.2710

Conversions

Conversions Part 2

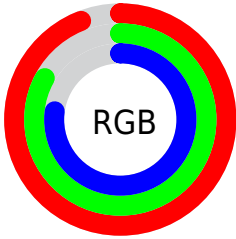
Format	Color
R _Y B	240, 220, 197
Decimal	15783109
CIE Lab	86.82, 7.38, 10.98
CIE LCh	87, 13.227, 56.078
Yxy	69.6434, 0.3447, 0.3451
Android (android.graphics.Color)	4293973189 (0xFFFF0D4C5)
YUV	218.6620, -10.6794, 18.7134
Hunter-Lab	83.4526, 2.7354, 13.9420

Details

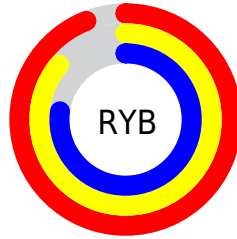
The XYZ color **69.5567, 69.6434, 62.5998** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6790, 72.0104, 92.8764**, and the grayscale version is **67.1605, 70.6581, 76.9467**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **36.7821, 36.2875, 31.0522** is the 20% darker color. If you saturate the color by 10%, you get **63.3042, 61.1942, 48.0111**, and if you desaturate by 10%, it is **76.6289, 79.0301, 79.6233**.

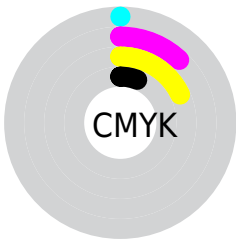
Distribution



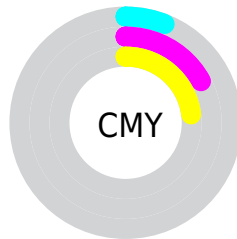
- Red (94%)
- Green (83%)
- Blue (77%)



- Red (94%)
- Yellow (86%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5567, 69.6434, 62.5998 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 69.5567, 69.6434, 62.5998 by changing the saturation by 10% instead.

69.5567, 69.6434,
62.5998

69.5567, 69.6434,
62.5998

448.2827,
459.2969, 452.1835

51.4435, 51.2359,
45.0786

117.6061,
118.7001, 110.1719

36.7842, 36.3964,
31.1759

148.2730,
150.1180, 141.0600

25.2133, 24.7405,
20.4733

183.8552,
186.6416, 177.2407

16.3656, 15.8838,
12.5521

224.7180,
228.6551, 219.1326

9.8757, 9.4420,
6.9937

271.2268,
276.5430, 267.1543

5.3783, 5.0306,
3.3798

323.7469,

2.5079, 2.2652,

330.6897, 321.7244

1.2917

382.6438,
391.4795, 383.2612

■ 0.8992, 0.7552,
0.0550

■ 0.0000, 0.0000,
0.0000

■ 69.5567, 69.6434,
62.5998

■ 69.5567, 69.6434,
62.5998

■ 63.3042, 61.1942,
48.0111

■ 76.6289, 79.0301,
79.6233

■ 57.8344, 53.6435,
35.7404

■ 84.5446, 89.3730,
99.1823

■ 53.1157, 46.9630,
25.6678

■ 89.7454, 97.2654,
108.6518

■ 49.1118, 41.1197,
17.6607

■ 45.7833, 36.0778,
11.5721

■ 43.0863, 31.7990,
7.2352

■ 40.9705, 28.2406,
4.4541

■ 39.3712, 25.3531,
2.9621

■ 39.0861, 24.8267,
2.7320

Harmonies

Analogous

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



71.6610, 69.6434, 68.6108



69.5567, 69.6434, 62.5998



66.6002, 69.6434, 60.1259

Triad

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



69.5567, 69.6434, 62.5998



60.4557, 69.6434, 74.6747



68.8335, 69.6434, 92.1192

Complementary

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



69.5567, 69.6434, 62.5998



65.6790, 72.0104, 92.8764

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.



65.7894, 69.6434, 94.0546



69.5567, 69.6434, 62.5998



61.0123, 69.6434, 83.5383

Square

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



69.5567, 69.6434, 62.5998



61.3970, 69.6434, 66.7467



62.9414, 69.6434, 90.8037



71.2345, 69.6434, 85.7017

Rectangle

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



69.5567, 69.6434, 62.5998



64.5662, 69.6434, 60.6621



62.9414, 69.6434, 90.8037



67.8488, 69.6434, 93.3359

Sweetspot

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



69.5586, 69.6465, 62.6013



90.4734, 94.0234, 97.5813



69.5840, 63.9314, 80.3852



19.2316, 19.9499, 20.5587



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.



69.5586, 69.6465, 62.6013



77.4645, 76.7560, 66.2689



75.1057, 80.7407, 64.4503



16.2239, 16.6609, 16.5105



21.5086, 13.8152, 1.5330



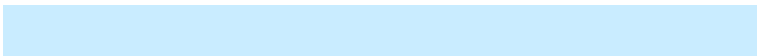
1.8792, 1.3291, 0.1575

Inverse Universe

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



65.6790, 72.0104, 92.8764



72.3446, 79.8720, 106.2116



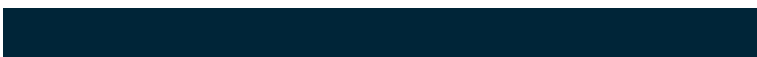
60.3875, 61.4275, 91.1126



15.7562, 16.9465, 20.1622



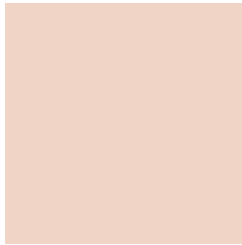
15.2705, 16.7652, 47.5590



1.3631, 1.5802, 3.9874

Previews

White Background



This preview shows how the XYZ color 69.5567, 69.6434, 62.5998 looks on a white background.

Color Contrast Check

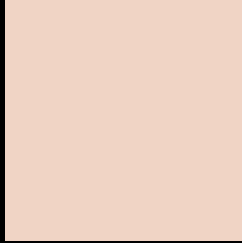
Large Text (above 18pt) WCAG AA × Fail

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 69.5567, 69.6434, 62.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

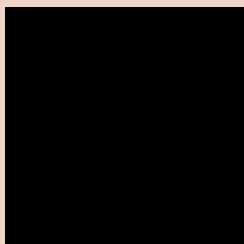
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5567, 69.6434, 62.5998

Background



This preview shows how black text looks on a background with the XYZ color 69.5567, 69.6434, 62.5998.

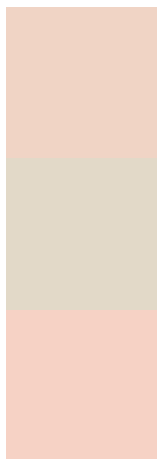


This preview shows how white text looks on a background with the XYZ color 69.5567, 69.6434,

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

69.5567, 69.6434, 62.5998

Protanopia

66.6022, 69.9646, 64.6378

Deuteranopia

71.1307, 69.7172, 62.5311



Tritanopia

72.9726, 69.5483, 80.0991

Trichromacy



Original Color

69.5567, 69.6434, 62.5998

Protanomaly

67.5642, 69.7133, 63.9278

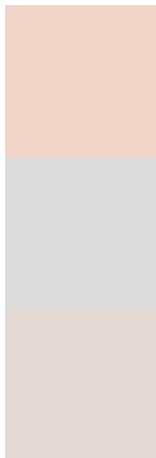
Deuteranomaly

70.6805, 69.8528, 62.5810

Tritanomaly

71.5560, 69.3332, 73.2296

Monochromacy



Original Color

69.5567, 69.6434, 62.5998

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9923, 70.1458, 71.5839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5567, 69.6434, 62.5998 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, 212, 197) looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 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, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 197) }
```

Border

The CSS property to change the border of an element to XYZ 69.5567, 69.6434, 62.5998 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, 212, 197) }
```


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

```
.border{ border-color:rgb(240, 212, 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, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5567, 69.6434, 62.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 197) }
```

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

```
.background{ background-color: rgb(240,  
212, 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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