

Converting Colors

XYZ(69.9591, 69.4596, 62.2145)

Have a look what the booklet for
XYZ(69.9591, 69.4596, 62.2145)
contains.

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Color

**XYZ(69.8760, 69.4513,
61.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D3C4
RGB	242, 211, 196
RGB Percent	95%, 83%, 77%
CMY	0.0510, 0.1725, 0.2314
CMYK	0.00, 0.13, 0.19, 0.05
HSL	20°, 64%, 86%
HSV	20°, 19%, 95%
XYZ	69.8760, 69.4513, 61.9471
YIQ	218.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

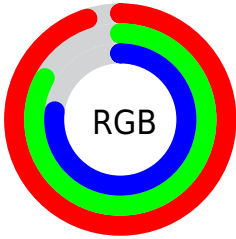
Format	Color
R _Y B	242, 218, 196
Decimal	15913924
CIE Lab	86.73, 8.48, 11.39
CIE LCh	87, 14.201, 53.345
Yxy	69.4513, 0.3472, 0.3451
Android (android.graphics.Color)	4294104004 (0xFFFF2D3C4)
YUV	218.5590, -11.1216, 20.5578
Hunter-Lab	83.3374, 3.8265, 14.2643

Details

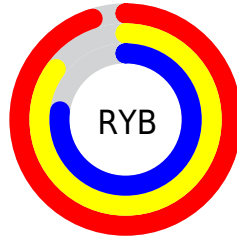
The XYZ color **69.8760, 69.4513, 61.9471** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2605, 73.0829, 94.6190**, and the grayscale version is **67.0913, 70.5853, 76.8674**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **36.7785, 36.0442, 30.6100** is the 20% darker color. If you saturate the color by 10%, you get **63.4934, 60.7441, 47.3082**, and if you desaturate by 10%, it is **77.1177, 79.1645, 79.0659**.

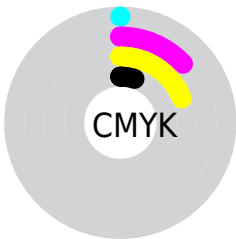
Distribution



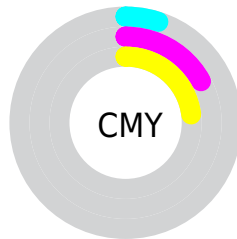
- Red (95%)
- Green (83%)
- Blue (77%)



- Red (95%)
- Yellow (85%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8760, 69.4513, 61.9471 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 69.8760, 69.4513, 61.9471 by changing the saturation by 10% instead.

69.8760, 69.4513,
61.9471

69.8760, 69.4513,
61.9471

449.3877,
458.6211, 449.7404

51.7047, 51.0793,
44.5544

118.0591,
118.4259, 109.2199

36.9931, 36.2718,
30.7662

148.8017,
149.7974, 139.9372

25.3758, 24.6441,
20.1639

184.4653,
186.2708, 175.9330

16.4875, 15.8121,
12.3290

225.4154,
228.2306, 217.6261

9.9628, 9.3913,
6.8429

272.0174,
276.0611, 265.4348

5.4364, 4.9973,
3.2871

324.6365,

2.5429, 2.2457,

330.1468, 319.7777

1.2430

383.6382,
390.8719, 381.0734

■ 0.9169, 0.7447,
0.0144

■ 0.0000, 0.0000,
0.0000

■ 69.8760, 69.4513,
61.9471

■ 69.8760, 69.4513,
61.9471

■ 63.4934, 60.7441,
47.3082

■ 77.1177, 79.1645,
79.0659

■ 57.9307, 53.0005,
35.0287

■ 85.2444, 89.9054,
98.7687

■ 53.1542, 46.1889,
24.9847

■ 90.4282, 97.6173,
108.6837

■ 49.1251, 40.2723,
17.0391

■ 45.8011, 35.2112,
11.0393

■ 43.1353, 30.9625,
6.8119

■ 41.0734, 27.4786,
4.1520

■ 39.5408, 24.7017,
2.7528

■ 39.4097, 24.4604,
2.6442

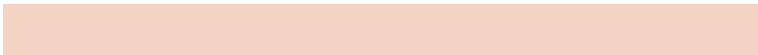
Harmonies

Analogous

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



72.0159, 69.4513, 68.6396



69.8760, 69.4513, 61.9471



66.7502, 69.4513, 58.9548

Triad

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



69.8760, 69.4513, 61.9471



59.9019, 69.4513, 73.5322



68.5602, 69.4513, 93.5801

Complementary

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



69.8760, 69.4513, 61.9471



66.2605, 73.0829, 94.6190

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.



65.2781, 69.4513, 95.1640



69.8760, 69.4513, 61.9471



60.3502, 69.4513, 83.0598

Square

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



69.8760, 69.4513, 61.9471



61.0462, 69.4513, 65.2734



62.2919, 69.4513, 91.1714



71.2387, 69.4513, 87.0075

Rectangle

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



69.8760, 69.4513, 61.9471



64.5563, 69.4513, 59.2675



62.2919, 69.4513, 91.1714



67.4882, 69.4513, 94.7351

Sweetspot

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



69.8779, 69.4544, 61.9486



89.4825, 92.6513, 95.3719



70.2836, 63.9280, 81.6226



19.0280, 19.6655, 20.1122



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.



69.8779, 69.4544, 61.9486



75.6668, 74.1077, 62.7498



75.8819, 81.4626, 63.9499



16.1938, 16.6008, 16.5005



21.2815, 13.3611, 1.4573



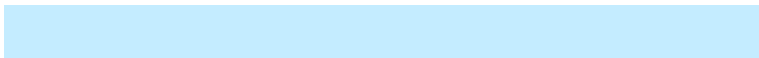
1.8577, 1.2860, 0.1503

Inverse Universe

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



66.2605, 73.0829, 94.6190



70.8638, 78.9182, 106.1056



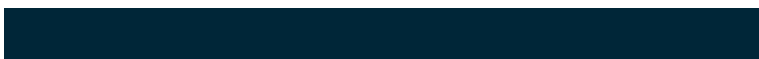
60.4888, 61.5395, 92.6951



15.7875, 17.0092, 20.1726



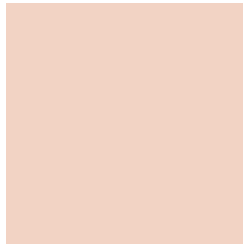
15.7814, 17.7871, 47.7293



1.4030, 1.6600, 4.0007

Previews

White Background



This preview shows how the XYZ color 69.8760, 69.4513, 61.9471 looks on a white background.

Color Contrast Check

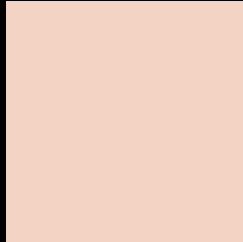
Large Text (above 18pt) WCAG AA × Fail

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 69.8760, 69.4513, 61.9471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

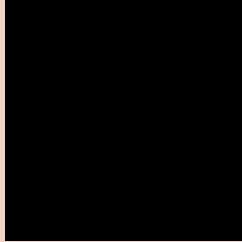
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8760, 69.4513, 61.9471

Background



This preview shows how black text looks on a background with the XYZ color 69.8760, 69.4513, 61.9471.



This preview shows how white text looks on a background with the XYZ color 69.8760, 69.4513,

61.9471.

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

69.8760, 69.4513, 61.9471

Protanopia

66.1730, 69.7568, 64.0095

Deuteranopia

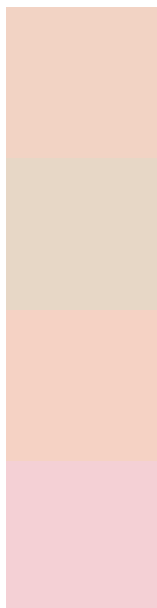
70.7703, 69.1793, 61.8475



Tritanopia

73.2883, 69.3658, 79.3383

Trichromacy



Original Color

69.8760, 69.4513, 61.9471

Protanomaly

67.4485, 69.6670, 63.3182

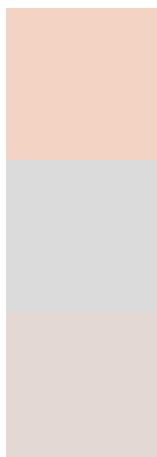
Deuteranomaly

70.6666, 69.4912, 61.9132

Tritanomaly

71.8743, 69.1489, 72.5097

Monochromacy



Original Color

69.8760, 69.4513, 61.9471

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 69.8760, 69.4513, 61.9471 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(242, 211, 196)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 196)  
}
```

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(242, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 196) }
```

Border

The CSS property to change the border of an element to XYZ 69.8760, 69.4513, 61.9471 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(242, 211, 196) }
```


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

```
.border{ border-color:rgb(242, 211, 196) }
```

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

Here you see how a box with a 4 pixel rgb(242, 211, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8760, 69.4513, 61.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 196) }
```

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

```
.background{ background-color: rgb(242,  
211, 196) }
```

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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