

Converting Colors

XYZ(70.4812, 68.9960, 56.4384)

Have a look what the booklet for
XYZ(70.4812, 68.9960, 56.4384)
contains.

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Color

**XYZ(70.4815, 69.1452,
56.6453)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D1BB
RGB	248, 209, 187
RGB Percent	97%, 82%, 73%
CMY	0.0274, 0.1804, 0.2667
CMYK	0.00, 0.16, 0.25, 0.03
HSL	22°, 81%, 85%
HSV	22°, 25%, 97%
XYZ	70.4815, 69.1452, 56.6453
YIQ	218.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

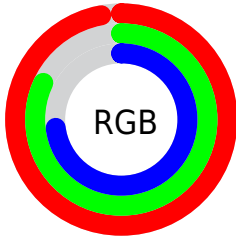
Format	Color
R _Y B	248, 221, 187
Decimal	16306619
CIE Lab	86.58, 10.43, 16.00
CIE LCh	87, 19.100, 56.906
Yxy	69.1452, 0.3591, 0.3523
Android (android.graphics.Color)	4294496699 (0xFFF8D1BB)
YUV	218.1530, -15.3584, 26.1758
Hunter-Lab	83.1536, 5.7789, 17.8184

Details

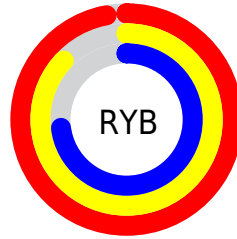
The XYZ color **70.4815, 69.1452, 56.6453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6326, 71.7330, 99.2467**, and the grayscale version is **66.8356, 70.3162, 76.5744**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **37.5103, 36.2403, 27.5723** is the 20% darker color. If you saturate the color by 10%, you get **64.3547, 60.7796, 42.6162**, and if you desaturate by 10%, it is **77.4576, 78.4747, 73.2210**.

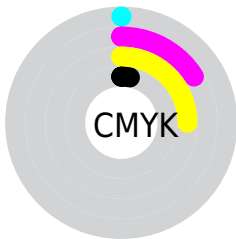
Distribution



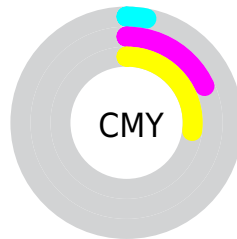
- Red (97%)
- Green (82%)
- Blue (73%)



- Red (97%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4815, 69.1452, 56.6453 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 70.4815, 69.1452, 56.6453 by changing the saturation by 10% instead.


 70.4815, 69.1452,
56.6453

 70.4815, 69.1452,
56.6453


451.4789,
457.5429, 429.5753

 52.2002, 50.8300,
40.3131


 118.9177,
117.9889, 101.4426

 37.3896, 36.0733,
27.4671

149.8033,
149.2862, 130.7448

 25.6843, 24.4908,
17.6888


185.6210,
185.6797, 165.2074

 16.7191, 15.6981,
10.5597

226.7362,
227.5537, 205.2490

 10.1285, 9.3108,
5.6612

273.5142,
275.2926, 251.2880

 5.5471, 4.9444,
2.5747

326.3204,

 2.6097, 2.2147,

329.2808, 303.7430

0.8794

385.5202,
389.9028, 363.0326

■ 0.9509, 0.7280,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.4815, 69.1452,
56.6453

■ 70.4815, 69.1452,
56.6453

■ 64.3547, 60.7796,
42.6162

■ 77.4576, 78.4747,
73.2210

■ 59.0369, 53.3365,
31.0016

■ 85.3101, 88.7889,
92.4577

■ 54.4925, 46.7852,
21.6638

■ 92.5216, 98.6965,
108.7817

■ 50.6807, 41.0897,
14.4494

■ 47.5565, 36.2108,
9.1857

■ 45.0688, 32.1061,
5.6725

■ 43.1573, 28.7275,
3.6648

■ 42.3225, 27.1785,
3.0153

Harmonies

Analogous

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



73.6119, 69.1452, 64.7800



70.4815, 69.1452, 56.6453



66.1813, 69.1452, 53.4628

Triad

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



70.4815, 69.1452, 56.6453



57.5773, 69.1452, 73.9783



69.6504, 69.1452, 99.2014

Complementary

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



70.4815, 69.1452, 56.6453



64.6326, 71.7330, 99.2467

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.



65.2617, 69.1452, 102.3652



70.4815, 69.1452, 56.6453



58.4141, 69.1452, 86.8737

Square

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



70.4815, 69.1452, 56.6453



58.8402, 69.1452, 62.7386



61.1788, 69.1452, 97.6272



73.1172, 69.1452, 89.4069

Rectangle

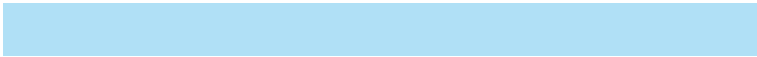
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4815, 69.1452, 56.6453



63.2747, 69.1452, 54.2776



61.1788, 69.1452, 97.6272



68.2284, 69.1452, 101.1202

Sweetspot

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



70.4833, 69.1484, 56.6467



88.7752, 91.8376, 93.2832



70.2992, 61.0247, 80.4945



18.8905, 19.5117, 19.6927



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.



70.4833, 69.1484, 56.6467



71.4207, 68.6834, 51.8761



78.5042, 85.1901, 59.3204



17.7571, 18.2500, 18.0491



22.9833, 14.9233, 1.6691



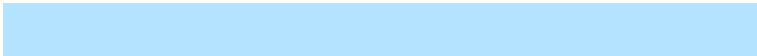
2.2252, 1.5752, 0.1868

Inverse Universe

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



64.6326, 71.7330, 99.2467



64.1047, 71.9036, 105.1078



57.2114, 56.8906, 96.7730



17.2084, 18.4937, 22.0480



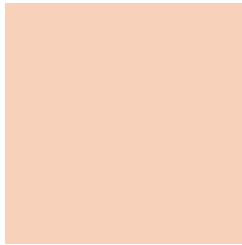
15.9452, 17.2460, 50.4620



1.5773, 1.7982, 4.7071

Previews

White Background



This preview shows how the XYZ color 70.4815, 69.1452, 56.6453 looks on a white background.

Color Contrast Check

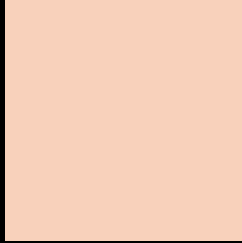
Large Text (above 18pt) WCAG AA × Fail

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 70.4815, 69.1452, 56.6453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

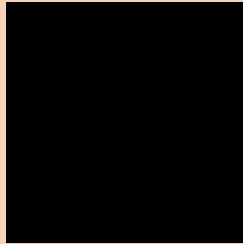
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4815, 69.1452, 56.6453

Background



This preview shows how black text looks on a background with the XYZ color 70.4815, 69.1452, 56.6453.



This preview shows how white text looks on a background with the XYZ color 70.4815, 69.1452,

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

70.4815, 69.1452, 56.6453

Protanopia

65.6384, 69.2042, 59.1884

Deuteranopia

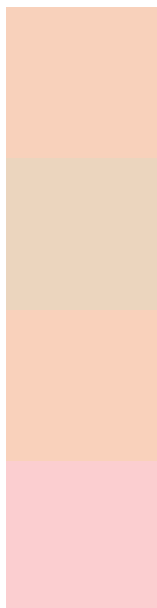
70.8370, 69.3285, 56.6619



Tritanopia

74.6560, 69.0485, 77.1030

Trichromacy



Original Color

70.4815, 69.1452, 56.6453

Protanomaly

67.3495, 68.9684, 58.4777

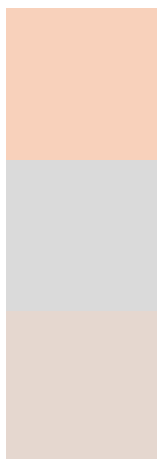
Deuteranomaly

70.8370, 69.3285, 56.6619

Tritanomaly

73.2401, 69.2059, 69.1724

Monochromacy



Original Color

70.4815, 69.1452, 56.6453

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.8760, 69.7639, 68.9198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4815, 69.1452, 56.6453 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, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(248, 209, 187)  
}
```

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, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 209, 187) }
```

Border

The CSS property to change the border of an element to XYZ 70.4815, 69.1452, 56.6453 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, 209, 187) }
```


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

```
.border{ border-color:rgb(248, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(248, 209,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4815, 69.1452, 56.6453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 209, 187) }
```

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

```
.background{ background-color: rgb(248,  
209, 187) }
```

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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