

Converting Colors

XYZ(70.5569, 69.2344, 56.2524)

Have a look what the booklet for
XYZ(70.5569, 69.2344, 56.2524)
contains.

XYZ(70.3748, 69.1026, 56.0833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.3748, 69.1026,
56.0833)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D1BA
RGB	248, 209, 186
RGB Percent	97%, 82%, 73%
CMY	0.0274, 0.1804, 0.2706
CMYK	0.00, 0.16, 0.25, 0.03
HSL	22°, 82%, 85%
HSV	22°, 25%, 97%
XYZ	70.3748, 69.1026, 56.0833
YIQ	218.0390, 30.6270, 1.1150

Conversions

Conversions Part 2

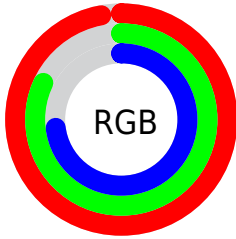
Format	Color
R _Y B	248, 223, 186
Decimal	16306618
CIE Lab	86.55, 10.29, 16.50
CIE LCh	87, 19.445, 58.046
Yxy	69.1026, 0.3599, 0.3534
Android (android.graphics.Color)	4294496698 (0xFFF8D1BA)
YUV	218.0390, -15.7952, 26.2758
Hunter-Lab	83.1280, 5.6413, 18.1889

Details

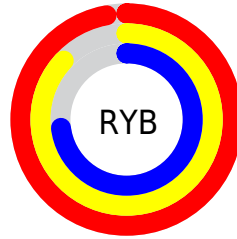
The XYZ color **70.3748, 69.1026, 56.0833** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1175, 71.0647, 99.1448**, and the grayscale version is **66.7597, 70.2364, 76.4875**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **37.4408, 36.2125, 27.2067** is the 20% darker color. If you saturate the color by 10%, you get **64.3227, 60.8575, 42.1680**, and if you desaturate by 10%, it is **77.2629, 78.2864, 72.5363**.

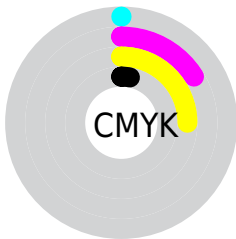
Distribution



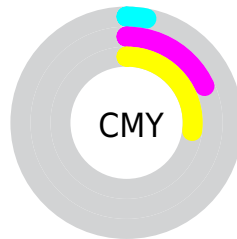
- Red (97%)
- Green (82%)
- Blue (73%)



- 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 70.3748, 69.1026, 56.0833 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 70.3748, 69.1026, 56.0833 by changing the saturation by 10% instead.


 70.3748, 69.1026,
56.0833

 70.3748, 69.1026,
56.0833


451.1108,
457.3928, 427.4025

 52.1128, 50.7953,
39.8653


 118.7664,
117.9281, 100.6134

 37.3197, 36.0457,
27.1205

149.6269,
149.2151, 129.7625

 25.6299, 24.4695,
17.4305

185.4175,
185.5974, 164.0591

 16.6782, 15.6823,
10.3767

226.5036,
227.4594, 203.9216

 10.0992, 9.2996,
5.5406

273.2507,
275.1856, 249.7687

 5.5275, 4.9371,
2.5036

326.0240,

 2.5979, 2.2104,

329.1603, 302.0188

0.8420

385.1889,
389.7679, 361.0906

■ 0.9449, 0.7257,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3748, 69.1026,
56.0833

■ 70.3748, 69.1026,
56.0833

■ 64.3227, 60.8575,
42.1680

■ 77.2629, 78.2864,
72.5363

■ 59.0667, 53.5109,
30.6579

■ 85.0137, 88.4288,
91.6415

■ 54.5718, 47.0331,
21.4152

■ 92.5215, 98.6965,
108.7817

■ 50.7976, 41.3891,
14.2859

■ 47.6996, 36.5413,
9.0968

■ 45.2272, 32.4485,
5.6463

■ 43.3204, 29.0640,
3.6875

■ 42.5405, 27.6144,
3.0880

Harmonies

Analogous

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



73.6305, 69.1026, 64.1628



70.3748, 69.1026, 56.0833



65.9760, 69.1026, 53.0590

Triad

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



70.3748, 69.1026, 56.0833



57.3927, 69.1026, 74.3977



69.8401, 69.1026, 99.3445

Complementary

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



70.3748, 69.1026, 56.0833



64.1175, 71.0647, 99.1448

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.



65.3848, 69.1026, 102.8764



70.3748, 69.1026, 56.0833



58.3234, 69.1026, 87.5262

Square

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



70.3748, 69.1026, 56.0833



58.5968, 69.1026, 62.8533



61.1987, 69.1026, 98.3291



73.3120, 69.1026, 89.1579

Rectangle

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



70.3748, 69.1026, 56.0833



63.0314, 69.1026, 54.0207



61.1987, 69.1026, 98.3291



68.4017, 69.1026, 101.3971

Sweetspot

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



70.3766, 69.1058, 56.0847



88.8305, 91.9482, 93.3016



69.8979, 60.5259, 79.4243



18.9033, 19.5373, 19.6970



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.



70.3766, 69.1058, 56.0847



71.6112, 69.0646, 51.9397



78.6564, 85.6654, 58.8447



17.7721, 18.2801, 18.0541



23.1032, 15.1630, 1.7091



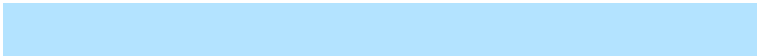
2.2374, 1.5997, 0.1909

Inverse Universe

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



64.1175, 71.0647, 99.1448



63.8888, 71.4718, 105.0359



56.5449, 55.9196, 96.6206



17.1929, 18.4626, 22.0428



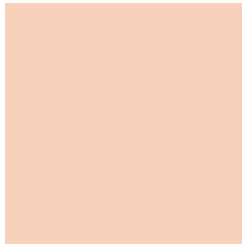
15.7119, 16.7794, 50.3842



1.5566, 1.7570, 4.7003

Previews

White Background



This preview shows how the XYZ color 70.3748, 69.1026, 56.0833 looks on a white background.

Color Contrast Check

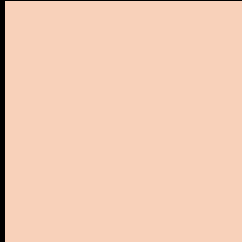
Large Text (above 18pt) WCAG AA × Fail

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 70.3748, 69.1026, 56.0833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

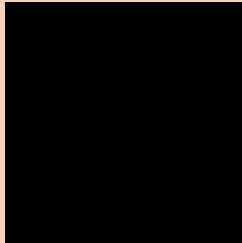
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3748, 69.1026, 56.0833

Background



This preview shows how black text looks on a background with the XYZ color 70.3748, 69.1026, 56.0833.



This preview shows how white text looks on a background with the XYZ color 70.3748, 69.1026,

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

70.3748, 69.1026, 56.0833

Protanopia

65.5287, 69.1603, 58.6107

Deuteranopia

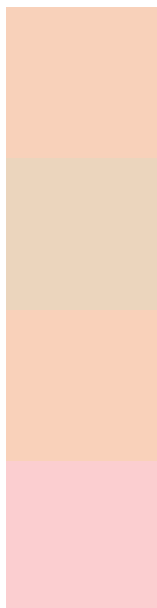
70.7303, 69.2858, 56.1000



Tritanopia

74.6560, 69.0485, 77.1030

Trichromacy



Original Color

70.3748, 69.1026, 56.0833

Protanomaly

67.2405, 68.9248, 57.9040

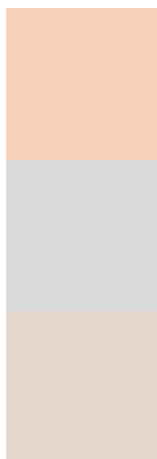
Deuteranomaly

70.7303, 69.2858, 56.1000

Tritanomaly

73.2401, 69.2059, 69.1724

Monochromacy



Original Color

70.3748, 69.1026, 56.0833

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.7541, 69.7151, 68.2779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3748, 69.1026, 56.0833 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(248, 209, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 209, 186) }
```

Border

The CSS property to change the border of an element to XYZ 70.3748, 69.1026, 56.0833 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, 186) }
```


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

```
.border{ border-color:rgb(248, 209, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(248, 209,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3748, 69.1026, 56.0833 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, 186) }
```

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

```
.background{ background-color: rgb(248,  
209, 186) }
```

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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