

Converting Colors

XYZ(71.2308, 69.3553, 56.8777)

Have a look what the booklet for
XYZ(71.2308, 69.3553, 56.8777)
contains.

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Color

**XYZ(71.1944, 69.5128,
56.6787)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1BB
RGB	250, 209, 187
RGB Percent	98%, 82%, 73%
CMY	0.0196, 0.1804, 0.2667
CMYK	0.00, 0.16, 0.25, 0.02
HSL	21°, 86%, 86%
HSV	21°, 25%, 98%
XYZ	71.1944, 69.5128, 56.6787
YIQ	218.7510, 31.4980, 1.8500

Conversions

Conversions Part 2

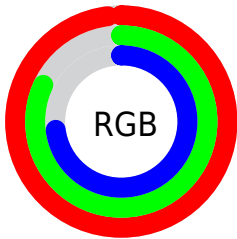
Format	Color
R _Y B	250, 221, 187
Decimal	16437691
CIE Lab	86.76, 11.17, 16.28
CIE LCh	87, 19.744, 55.555
Yxy	69.5128, 0.3607, 0.3522
Android (android.graphics.Color)	4294627771 (0xFF FAD1BB)
YUV	218.7510, -15.6532, 27.4054
Hunter-Lab	83.3743, 6.5183, 18.0561

Details

The XYZ color **71.1944, 69.5128, 56.6787** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4915, 72.9515, 101.0719**, and the grayscale version is **67.2507, 70.7530, 77.0500**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **38.0167, 36.5014, 27.5960** is the 20% darker color. If you saturate the color by 10%, you get **64.9584, 60.9571, 42.5254**, and if you desaturate by 10%, it is **78.3077, 79.0763, 73.4245**.

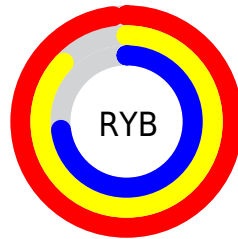
Distribution



Red (98%)

Green (82%)

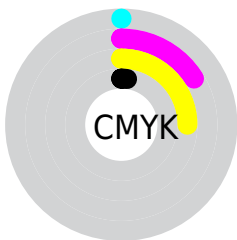
Blue (73%)



Red (98%)

Yellow (87%)

Blue (73%)

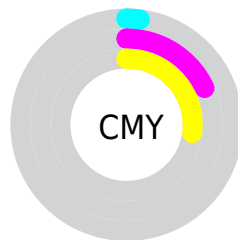


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1944, 69.5128, 56.6787 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 71.1944, 69.5128, 56.6787 by changing the saturation by 10% instead.


 71.1944, 69.5128,
56.6787

 71.1944, 69.5128,
56.6787


453.9340,
458.8375, 429.7042

 52.7840, 51.1294,
40.3397

 119.9275,
118.5137, 101.4919

 37.8571, 36.3116,
27.4877

150.9809,
149.9001, 130.8032

 26.0485, 24.6750,
17.7042


186.9793,
186.3895, 165.2756

 16.9928, 15.8351,
10.5706

228.2880,
228.3665, 205.3277

 10.3246, 9.4075,
5.6684

275.2725,
276.2154, 251.3781

 5.6786, 5.0079,
2.5790

328.2981,

 2.6895, 2.2519,

330.3206, 303.8453

0.8816

387.7302,
391.0665, 363.1478

■ 0.9918, 0.7481,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.1944, 69.5128,
56.6787

■ 71.1944, 69.5128,
56.6787

■ 64.9584, 60.9571,
42.5254

■ 78.3077, 79.0763,
73.4245

■ 59.5577, 53.3658,
30.8291

■ 86.3267, 89.6705,
92.8803

■ 54.9551, 46.7059,
21.4484

■ 93.2344, 99.0640,
108.8150

■ 51.1082, 40.9390,
14.2255

■ 47.9698, 36.0235,
8.9826

■ 45.4865, 31.9139,
5.5130

■ 43.5949, 28.5587,
3.5626

■ 42.8587, 27.1927,
2.9898

Harmonies

Analogous

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



74.3659, 69.5128, 65.2880



71.1944, 69.5128, 56.6787



66.7569, 69.5128, 53.1584

Triad

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



71.1944, 69.5128, 56.6787



57.6465, 69.5128, 73.7435



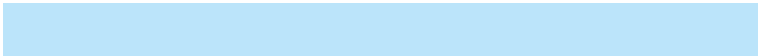
69.9551, 69.5128, 100.8888

Complementary

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



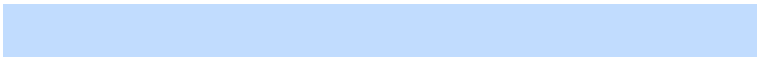
71.1944, 69.5128, 56.6787



65.4915, 72.9515, 101.0719

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.



65.3875, 69.5128, 103.8230



71.1944, 69.5128, 56.6787



58.4149, 69.5128, 87.1368

Square

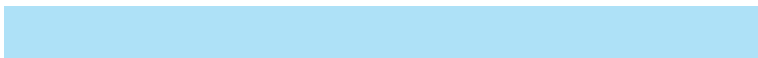
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1944, 69.5128, 56.6787



59.0479, 69.5128, 62.2583



61.1973, 69.5128, 98.5323



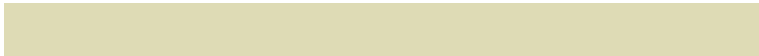
73.6275, 69.5128, 90.9212

Rectangle

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



71.1944, 69.5128, 56.6787



63.7286, 69.5128, 53.8335



61.1973, 69.5128, 98.5323



68.4677, 69.5128, 102.7762

Sweetspot

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



71.1962, 69.5160, 56.6801



87.8481, 90.5760, 91.1474



71.3380, 61.5226, 82.2444



18.5283, 19.0247, 18.8399



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.



71.1962, 69.5160, 56.6801



71.2103, 68.2627, 51.8060



79.4074, 85.9384, 59.4172



17.7404, 18.2167, 18.0436



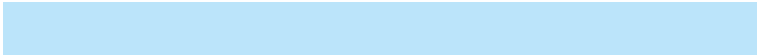
22.8549, 14.6665, 1.6263



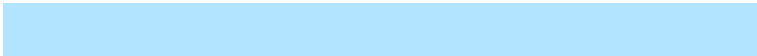
2.2119, 1.5487, 0.1824

Inverse Universe

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



65.4915, 72.9515, 101.0719



64.3454, 72.3849, 105.1881



57.8296, 57.6278, 98.5180



17.2257, 18.5283, 22.0537



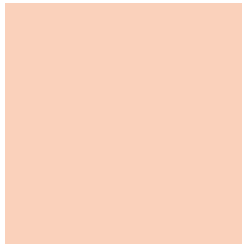
16.2096, 17.7748, 50.5501



1.6006, 1.8448, 4.7149

Previews

White Background



This preview shows how the XYZ color 71.1944, 69.5128, 56.6787 looks on a white background.

Color Contrast Check

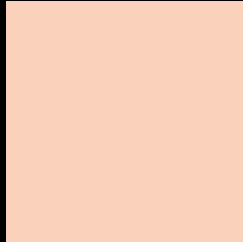
Large Text (above 18pt) WCAG AA × Fail

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 71.1944, 69.5128, 56.6787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

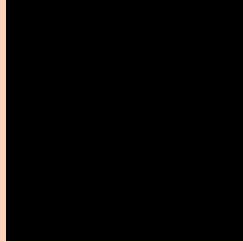
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1944, 69.5128, 56.6787

Background



This preview shows how black text looks on a background with the XYZ color 71.1944, 69.5128, 56.6787.



This preview shows how white text looks on a background with the XYZ color 71.1944, 69.5128,

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

71.1944, 69.5128, 56.6787

Protanopia

65.8954, 69.7182, 59.2741

Deuteranopia

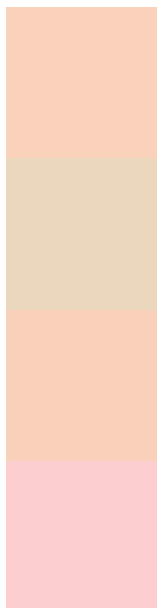
70.8370, 69.3285, 56.6619



Tritanopia

75.3842, 69.4239, 77.1371

Trichromacy



Original Color

71.1944, 69.5128, 56.6787

Protanomaly

67.6018, 69.4730, 58.5618

Deuteranomaly

70.8370, 69.3285, 56.6619

Tritanomaly

73.9645, 69.5793, 69.2063

Monochromacy



Original Color

71.1944, 69.5128, 56.6787

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1961, 69.9289, 68.9348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1944, 69.5128, 56.6787 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(250, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 187) }
```

Border

The CSS property to change the border of an element to XYZ 71.1944, 69.5128, 56.6787 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(250, 209, 187) }
```


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

```
.border{ border-color:rgb(250, 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(250, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1944, 69.5128, 56.6787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 187) }
```

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

```
.background{ background-color: rgb(250,  
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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