

Converting Colors

XYZ(73.1560, 71.1290, 62.6969)

Have a look what the booklet for
XYZ(73.1560, 71.1290, 62.6969)
contains.

XYZ(73.1560, 71.1290, 62.6969)	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(73.1560, 71.1290,
62.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD3C5
RGB	251, 211, 197
RGB Percent	98%, 83%, 77%
CMY	0.0157, 0.1725, 0.2274
CMYK	0.00, 0.16, 0.22, 0.02
HSL	16°, 87%, 88%
HSV	16°, 22%, 98%
XYZ	73.1560, 71.1290, 62.6969
YIQ	221.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

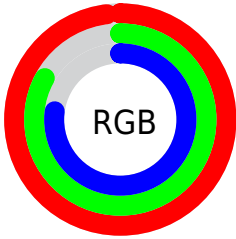
Format	Color
R _Y B	251, 216, 197
Decimal	16503749
CIE Lab	87.55, 11.89, 12.14
CIE LCh	88, 16.996, 45.590
Yxy	71.1290, 0.3534, 0.3436
Android (android.graphics.Color)	4294693829 (0xFFFFBD3C5)
YUV	221.3640, -12.0115, 25.9908
Hunter-Lab	84.3380, 7.2419, 14.9604

Details

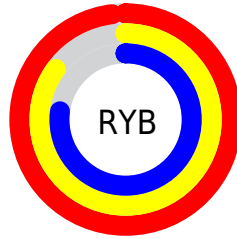
The XYZ color **73.1560, 71.1290, 62.6969** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7221, 79.4017, 102.8659**, and the grayscale version is **69.0525, 72.6486, 79.1143**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **39.0945, 37.2294, 31.1121** is the 20% darker color. If you saturate the color by 10%, you get **66.1619, 61.3662, 47.3380**, and if you desaturate by 10%, it is **81.1670, 82.1581, 80.7589**.

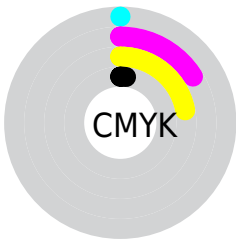
Distribution



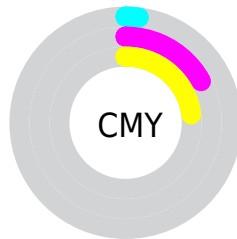
- Red (98%)
- Green (83%)
- Blue (77%)



- Red (98%)
- Yellow (85%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1560, 71.1290, 62.6969 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 73.1560, 71.1290, 62.6969 by changing the saturation by 10% instead.


 73.1560, 71.1290,
62.6969

 73.1560, 71.1290,
62.6969


460.6507,
464.5043, 452.5463

 54.3924, 52.4475,
45.1566


122.7006,
120.8174, 110.3135

 39.1474, 37.3619,
31.2370

154.2122,
152.5930, 141.2268

 27.0556, 25.4878,
20.5194


190.7040,
189.5022, 177.4350

 17.7518, 16.4409,
12.5853

232.5411,
231.9292, 219.3564

 10.8705, 9.8366,
7.0163

280.0890,
280.2586, 267.4098

 6.0465, 5.2908,
3.3937

333.7130,

 2.9143, 2.4189,

334.8746, 322.0135

1.2990

393.7784,
396.1617, 383.5861

■ 1.1086, 0.8356,
0.0610

■ 0.0323, 0.0000,
0.0000

■ 73.1560, 71.1290,
62.6969

■ 73.1560, 71.1290,
62.6969

■ 66.1619, 61.3662,
47.3380

■ 81.1670, 82.1581,
80.7589

■ 60.1371, 52.8144,
34.5468

■ 90.2285, 94.4871,
101.6413

■ 55.0387, 45.4281,
24.1832

■ 93.5939, 99.2493,
108.8319

■ 50.8182, 39.1554,
16.0914

■ 47.4222, 33.9404,
10.0977

■ 44.7909, 29.7216,
6.0025

■ 42.8551, 26.4306,
3.5671

■ 41.6797, 24.3010,
2.4938

Harmonies

Analogous

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



75.3214, 71.1290, 71.6537



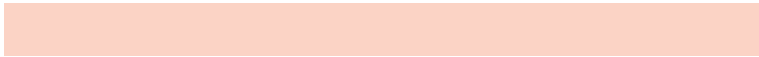
73.1560, 71.1290, 62.6969



69.5463, 71.1290, 57.9389

Triad

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



73.1560, 71.1290, 62.6969



60.3981, 71.1290, 72.0722



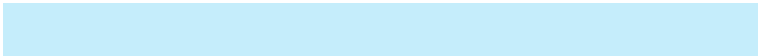
69.7029, 71.1290, 100.7660

Complementary

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



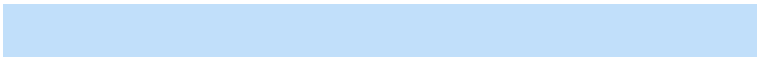
73.1560, 71.1290, 62.6969



70.7221, 79.4017, 102.8659

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.



65.7021, 71.1290, 100.9066



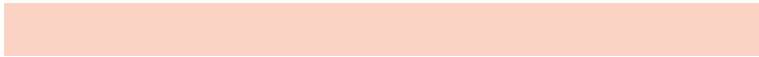
73.1560, 71.1290, 62.6969



60.4363, 71.1290, 83.5452

Square

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



73.1560, 71.1290, 62.6969



62.2376, 71.1290, 62.9770



62.3440, 71.1290, 94.3470



73.2746, 71.1290, 93.9802

Rectangle

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



73.1560, 71.1290, 62.6969



66.8565, 71.1290, 57.4534



62.3440, 71.1290, 94.3470



68.3611, 71.1290, 101.6129

Sweetspot

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



73.1579, 71.1322, 62.6984



89.1745, 92.0352, 95.2692



75.1099, 66.5864, 89.3987



18.9553, 19.5202, 20.0880



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

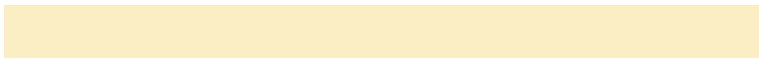
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1579, 71.1322, 62.6984



72.4387, 69.0131, 57.4765



80.2915, 85.3995, 65.0763



17.6105, 17.9569, 18.0003



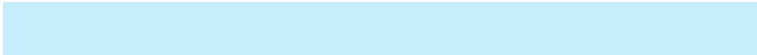
22.0077, 12.9720, 1.3439



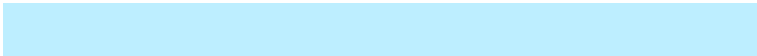
2.1202, 1.3653, 0.1518

Inverse Universe

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



70.7221, 79.4017, 102.8659



69.4798, 79.0362, 106.2013



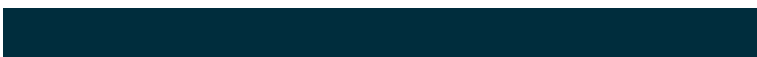
63.6097, 65.1768, 100.4951



17.3625, 18.8019, 22.0993



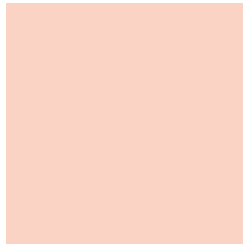
18.4960, 22.3475, 51.3122



1.7987, 2.2410, 4.7809

Previews

White Background



This preview shows how the XYZ color 73.1560, 71.1290, 62.6969 looks on a white background.

Color Contrast Check

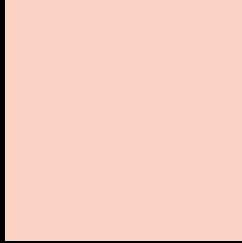
Large Text (above 18pt) WCAG AA × Fail

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 73.1560, 71.1290, 62.6969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

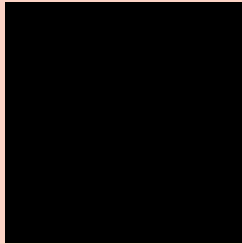
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1560, 71.1290, 62.6969

Background



This preview shows how black text looks on a background with the XYZ color 73.1560, 71.1290, 62.6969.



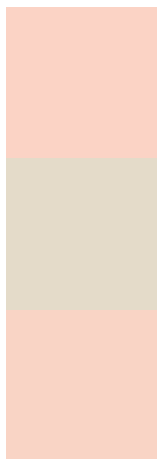
This preview shows how white text looks on a background with the XYZ color 73.1560, 71.1290,

62.6969.

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

73.1560, 71.1290, 62.6969

Protanopia

67.8690, 71.3741, 65.4578

Deuteranopia

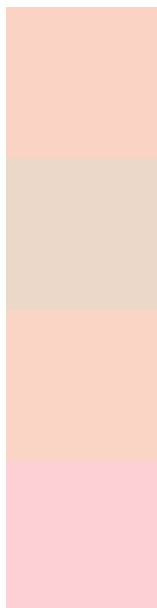
72.6884, 71.2579, 62.7464



Tritanopia

76.5052, 71.0242, 79.4888

Trichromacy



Original Color

73.1560, 71.1290, 62.6969

Protanomaly

69.5733, 71.1147, 64.7032

Deuteranomaly

73.0459, 71.4422, 62.7631

Tritanomaly

75.2015, 70.8494, 73.3301

Monochromacy



Original Color

73.1560, 71.1290, 62.6969

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.9752, 71.5350, 72.4069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1560, 71.1290, 62.6969 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(251, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 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(251, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 197) }
```

Border

The CSS property to change the border of an element to XYZ 73.1560, 71.1290, 62.6969 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(251, 211, 197) }
```


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

```
.border{ border-color:rgb(251, 211, 197) }
```

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

Here you see how a box with a 4 pixel rgb(251, 211, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(251, 211,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1560, 71.1290, 62.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 197) }
```

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

```
.background{ background-color: rgb(251,  
211, 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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