

Converting Colors

XYZ(73.3181, 70.9374, 63.5783)

Have a look what the booklet for
XYZ(73.3181, 70.9374, 63.5783)
contains.

XYZ(73.1391, 70.7259, 63.8295)	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(73.1391, 70.7259,
63.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD2C7
RGB	251, 210, 199
RGB Percent	98%, 82%, 78%
CMY	0.0157, 0.1764, 0.2196
CMYK	0.00, 0.16, 0.21, 0.02
HSL	13°, 87%, 88%
HSV	13°, 21%, 98%
XYZ	73.1391, 70.7259, 63.8295
YIQ	221.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

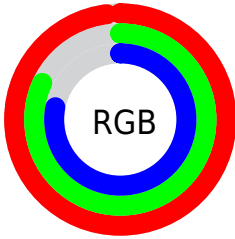
Format	Color
R _Y B	251, 213, 199
Decimal	16503495
CIE Lab	87.35, 12.70, 10.81
CIE LCh	87, 16.678, 40.390
Yxy	70.7259, 0.3521, 0.3405
Android (android.graphics.Color)	4294693575 (0xFFFBD2C7)
YUV	221.0050, -10.8485, 26.3056
Hunter-Lab	84.0987, 8.0655, 13.8690

Details

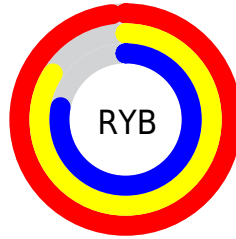
The XYZ color **73.1391, 70.7259, 63.8295** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1254, 81.4255, 103.1827**, and the grayscale version is **68.7923, 72.3749, 78.8163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0803, 36.9564, 31.8616** is the 20% darker color. If you saturate the color by 10%, you get **65.8750, 60.4828, 48.1965**, and if you desaturate by 10%, it is **81.4919, 82.3759, 82.1984**.

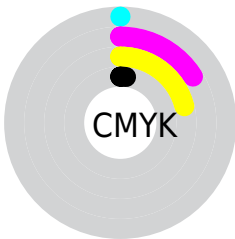
Distribution



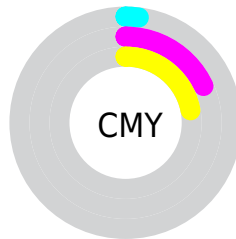
- Red (98%)
- Green (82%)
- Blue (78%)



- Red (98%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1391, 70.7259, 63.8295 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 73.1391, 70.7259, 63.8295 by changing the saturation by 10% instead.


 73.1391, 70.7259,
63.8295

 73.1391, 70.7259,
63.8295


460.5931,
463.0947, 456.7642

 54.3785, 52.1185,
46.0673


122.6767,
120.2434, 111.9625

 39.1362, 37.0996,
31.9499


154.1845,
151.9222, 143.1703

 27.0469, 25.2846,
21.0587


190.6719,
188.7271, 179.6971

 17.7452, 16.2892,
12.9753

232.5045,
231.0423, 221.9613

 10.8658, 9.7290,
7.2810

280.0476,
279.2523, 270.3817

 6.0433, 5.2197,
3.5573

333.6665,

 2.9123, 2.3767,

333.7414, 325.3766

1.3858

393.7265,
394.8941, 387.3646

■ 1.1076, 0.8139,
0.1306

■ 0.0314, 0.0000,
0.0000

■ 73.1391, 70.7259,
63.8295

■ 73.1391, 70.7259,
63.8295

■ 65.8750, 60.4828,
48.1965

■ 81.4919, 82.3759,
82.1984

■ 59.6483, 51.5837,
35.1636

■ 90.9704, 95.4736,
103.4212

■ 54.4121, 43.9750,
24.5901

■ 93.5939, 99.2494,
108.8319

■ 50.1136, 37.5957,
16.3201

■ 46.6947, 32.3801,
10.1797

■ 44.0905, 28.2556,
5.9700

■ 42.2260, 25.1413,
3.4537

■ 41.0624, 23.0664,
2.2880

Harmonies

Analogous

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



74.9262, 70.7259, 73.1743



73.1391, 70.7259, 63.8295



69.7889, 70.7259, 58.3824

Triad

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



73.1391, 70.7259, 63.8295



60.3584, 70.7259, 69.9768



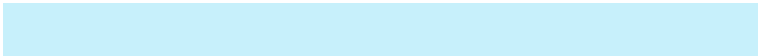
68.5937, 70.7259, 100.2955

Complementary

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



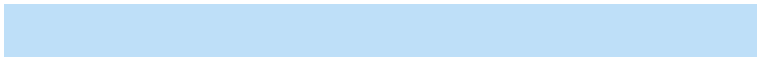
73.1391, 70.7259, 63.8295



72.1254, 81.4255, 103.1827

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.



64.7205, 70.7259, 99.2264



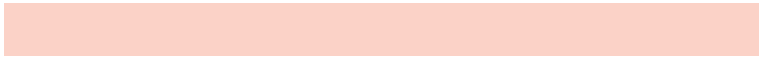
73.1391, 70.7259, 63.8295



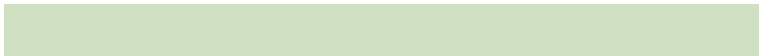
60.0665, 70.7259, 80.9743

Square

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



73.1391, 70.7259, 63.8295



62.4481, 70.7259, 61.6851



61.6346, 70.7259, 91.8871



72.2349, 70.7259, 94.6801

Rectangle

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



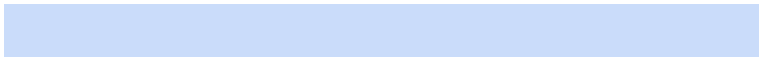
73.1391, 70.7259, 63.8295



67.1715, 70.7259, 57.3462



61.6346, 70.7259, 91.8871



67.2742, 70.7259, 100.7184

Sweetspot

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



73.1410, 70.7291, 63.8310



88.9556, 91.5975, 95.1962



76.0254, 67.6840, 91.9643



18.9037, 19.4170, 20.0708



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

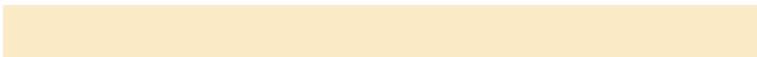
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1410, 70.7291, 63.8310



72.4410, 68.5715, 58.8522



79.9162, 84.2796, 66.0894



17.5422, 17.8203, 17.9775



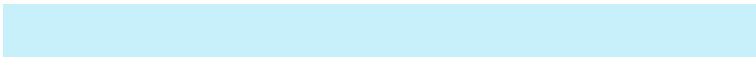
21.6685, 12.2936, 1.2308



2.0801, 1.2851, 0.1384

Inverse Universe

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



72.1254, 81.4255, 103.1827



71.2049, 81.5411, 106.5939



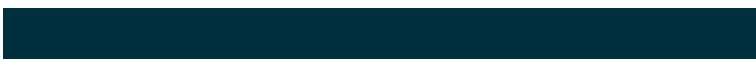
65.1654, 67.5055, 100.8627



17.4358, 18.9483, 22.1237



19.8633, 25.0821, 51.7680



1.9148, 2.4734, 4.8197

Previews

White Background



This preview shows how the XYZ color 73.1391, 70.7259, 63.8295 looks on a white background.

Color Contrast Check

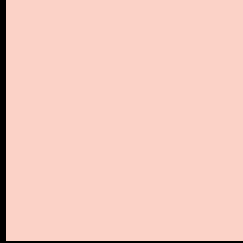
Large Text (above 18pt) WCAG AA × Fail

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 73.1391, 70.7259, 63.8295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

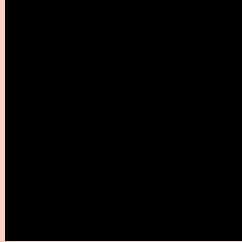
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1391, 70.7259, 63.8295

Background



This preview shows how black text looks on a background with the XYZ color 73.1391, 70.7259, 63.8295.



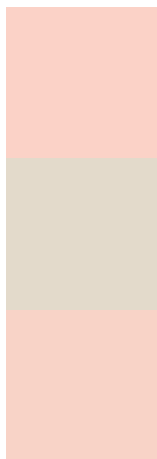
This preview shows how white text looks on a background with the XYZ color 73.1391, 70.7259,

63.8295.

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

73.1391, 70.7259, 63.8295

Protanopia

67.5294, 70.7855, 66.6037

Deuteranopia

72.3145, 70.6685, 63.8618



Tritanopia

76.2636, 70.5412, 79.4083

Trichromacy



Original Color

73.1391, 70.7259, 63.8295

Protanomaly

69.5532, 70.6980, 65.8573

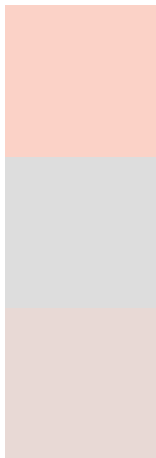
Deuteranomaly

72.6700, 70.8518, 63.8785

Tritanomaly

74.9584, 70.3633, 73.2491

Monochromacy



Original Color

73.1391, 70.7259, 63.8295

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.1018, 71.5856, 73.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1391, 70.7259, 63.8295 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, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(251, 210, 199)  
}
```

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, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 210, 199) }
```

Border

The CSS property to change the border of an element to XYZ 73.1391, 70.7259, 63.8295 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, 210, 199) }
```


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

```
.border{ border-color:rgb(251, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(251, 210,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1391, 70.7259, 63.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 210, 199) }
```

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

```
.background{ background-color: rgb(251,  
210, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor