

Converting Colors

XYZ(71.2827, 70.9196, 57.5009)

Have a look what the booklet for
XYZ(71.2827, 70.9196, 57.5009)
contains.

XYZ(71.2291, 70.9935, 57.5259)	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(71.2291, 70.9935,
57.5259)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D5BC
RGB	247, 213, 188
RGB Percent	97%, 84%, 74%
CMY	0.0314, 0.1647, 0.2627
CMYK	0.00, 0.14, 0.24, 0.03
HSL	25°, 79%, 85%
HSV	25°, 24%, 97%
XYZ	71.2291, 70.9935, 57.5259
YIQ	220.3160, 28.2890, -0.5670

Conversions

Conversions Part 2

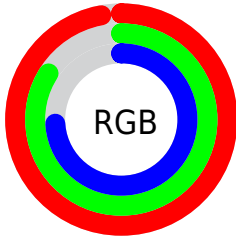
Format	Color
R _Y B	247, 231, 188
Decimal	16242108
CIE Lab	87.48, 8.12, 16.73
CIE LCh	87, 18.599, 64.120
Yxy	70.9935, 0.3566, 0.3554
Android (android.graphics.Color)	4294432188 (0xFFFF7D5BC)
YUV	220.3160, -15.9318, 23.4019
Hunter-Lab	84.2576, 3.4481, 18.5008

Details

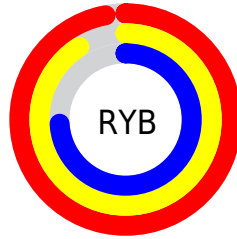
The XYZ color **71.2291, 70.9935, 57.5259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6482, 69.6474, 98.0847**, and the grayscale version is **68.3438, 71.9030, 78.3023**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **37.8352, 37.1501, 28.0982** is the 20% darker color. If you saturate the color by 10%, you get **65.3674, 63.1725, 43.5405**, and if you desaturate by 10%, it is **77.8645, 79.6316, 74.0190**.

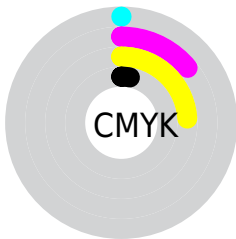
Distribution



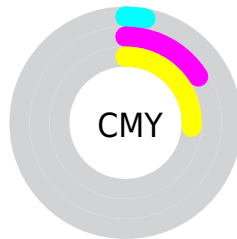
- Red (97%)
- Green (84%)
- Blue (74%)



- Red (97%)
- Yellow (91%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2291, 70.9935, 57.5259 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 71.2291, 70.9935, 57.5259 by changing the saturation by 10% instead.


 71.2291, 70.9935,
57.5259

 71.2291, 70.9935,
57.5259


454.0533,
464.0307, 432.9658

 52.8124, 52.3369,
41.0154


 119.9766,
120.6245, 102.7401

 37.8799, 37.2737,
28.0114

151.0381,
152.3676, 132.2809

 26.0663, 25.4195,
18.0951


187.0453,
189.2417, 167.0022

 17.0062, 16.3898,
10.8481

228.3635,
231.6312, 207.3226

 10.3342, 9.8004,
5.8519

275.3580,
279.9205, 253.6607

 5.6851, 5.2668,
2.6879

328.3943,

 2.6934, 2.4047,

334.4939, 306.4348

0.9373

387.8376,
395.7358, 366.0637

■ 0.9938, 0.8283,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2291, 70.9935,
57.5259

■ 71.2291, 70.9935,
57.5259

■ 65.3674, 63.1725,
43.5405

■ 77.8645, 79.6316,
74.0190

■ 60.2424, 56.1335,
31.9335

■ 85.2973, 89.1013,
93.1315

■ 55.8226, 49.8530,
22.5707

■ 92.1679, 98.5142,
108.7651

■ 52.0713, 44.3023,
15.3024

■ 48.9479, 39.4506,
9.9605

■ 46.4066, 35.2642,
6.3506

■ 44.3928, 31.7050,
4.2357

■ 43.3772, 29.8127,
3.4682

Harmonies

Analogous

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



74.7093, 70.9935, 64.5171



71.2291, 70.9935, 57.5259



66.8726, 70.9935, 55.6079

Triad

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



71.2291, 70.9935, 57.5259



59.4032, 70.9935, 79.0497



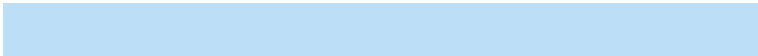
72.3236, 70.9935, 99.0901

Complementary

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



71.2291, 70.9935, 57.5259



63.6482, 69.6474, 98.0847

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.



68.0855, 70.9935, 104.0060



71.2291, 70.9935, 57.5259



60.7276, 70.9935, 91.6684

Square

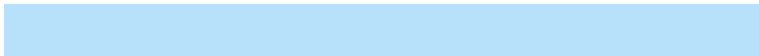
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2291, 70.9935, 57.5259



60.1640, 70.9935, 67.2207



63.8594, 70.9935, 101.1538



75.3602, 70.9935, 88.3392

Rectangle

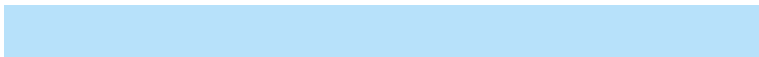
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2291, 70.9935, 57.5259



64.0862, 70.9935, 57.2685



63.8594, 70.9935, 101.1538



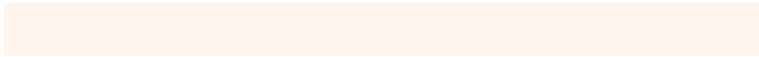
70.9857, 70.9935, 101.5297

Sweetspot

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



71.2310, 70.9967, 57.5274



89.1143, 92.5157, 93.3962



69.5824, 61.0377, 77.5151



18.9689, 19.6686, 19.7189



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.



71.2310, 70.9967, 57.5274



73.2270, 71.8810, 53.7579



79.2123, 86.9593, 60.1878



17.0764, 17.6370, 17.3018



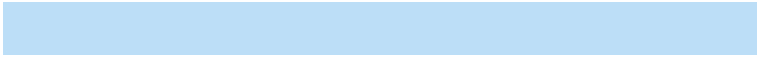
23.0744, 16.0344, 1.8788



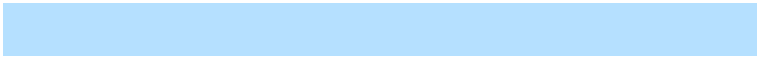
2.1275, 1.6083, 0.1983

Inverse Universe

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



63.6482, 69.6474, 98.0847



63.6819, 70.1780, 104.7971



56.5799, 55.5108, 95.7286



16.3741, 17.5125, 21.0598



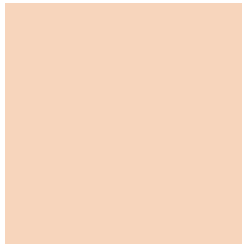
14.1634, 14.1206, 48.5171



1.3465, 1.4444, 4.2981

Previews

White Background



This preview shows how the XYZ color 71.2291, 70.9935, 57.5259 looks on a white background.

Color Contrast Check

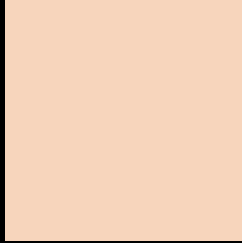
Large Text (above 18pt) WCAG AA × Fail

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 71.2291, 70.9935, 57.5259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

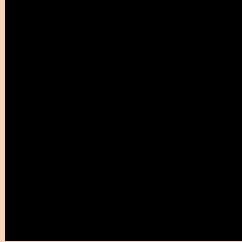
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2291, 70.9935, 57.5259

Background



This preview shows how black text looks on a background with the XYZ color 71.2291, 70.9935, 57.5259.



This preview shows how white text looks on a background with the XYZ color 71.2291, 70.9935,

57.5259.

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

71.2291, 70.9935, 57.5259

Protanopia

67.3686, 71.2476, 59.4917

Deuteranopia

72.5162, 70.9148, 57.4429



Tritanopia

75.7941, 71.0028, 80.2311

Trichromacy



Original Color

71.2291, 70.9935, 57.5259

Protanomaly

68.6992, 71.1763, 58.8328

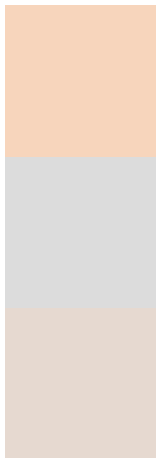
Deuteranomaly

72.0449, 71.0418, 57.4922

Tritanomaly

74.2288, 71.1203, 71.4433

Monochromacy



Original Color

71.2291, 70.9935, 57.5259

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.8311, 71.0028, 69.7516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2291, 70.9935, 57.5259 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(247, 213, 188)` looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 188)  
}
```

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(247, 213, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 188) }
```

Border

The CSS property to change the border of an element to XYZ 71.2291, 70.9935, 57.5259 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(247, 213, 188) }
```


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

```
.border{ border-color:rgb(247, 213, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 213, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 213, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 213, 188);  
box-shadow:4px 4px 4px 4px rgb(247, 213,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2291, 70.9935, 57.5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 188) }
```

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

```
.background{ background-color: rgb(247,  
213, 188) }
```

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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