

Converting Colors

XYZ(71.0783, 70.0070, 60.3446)

Have a look what the booklet for
XYZ(71.0783, 70.0070, 60.3446)
contains.

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Color

**XYZ(71.2777, 70.2129,
60.2478)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F7D3C1 |
| RGB | 247, 211, 193 |
| RGB Percent | 97%, 83%, 76% |
| CMY | 0.0314, 0.1725, 0.2431 |
| CMYK | 0.00, 0.15, 0.22, 0.03 |
| HSL | 20°, 77%, 86% |
| HSV | 20°, 22%, 97% |
| XYZ | 71.2777, 70.2129, 60.2478 |
| YIQ | 219.7120, 27.2340, 2.0340 |

Conversions

Conversions Part 2

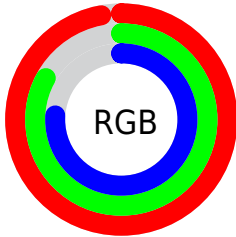
| Format | Color |
|-------------------------------------|---|
| RYB | 247, 220, 193 |
| Decimal | 16241601 |
| CIELab | 87.10, 9.86, 13.57 |
| CIELCh | 87, 16.773, 53.984 |
| Yxy | 70.2129, 0.3533, 0.3480 |
| Android (android.graphics.Color) | 4294431681 (0xFFFF7D3C1) |
| YUV | 219.7120, -13.1690, 23.9316 |
| Hunter-Lab | 83.7931, 5.2010, 16.0253 |

Details

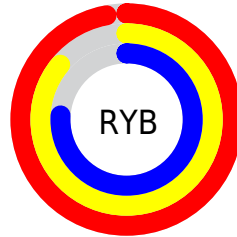
The XYZ color **71.2777, 70.2129, 60.2478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7997, 74.0898, 98.7763**, and the grayscale version is **67.9039, 71.4402, 77.7983**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **37.7839, 36.5882, 29.4969** is the 20% darker color. If you saturate the color by 10%, you get **64.8665, 61.4377, 45.6331**, and if you desaturate by 10%, it is **78.5719, 80.0166, 77.4288**.

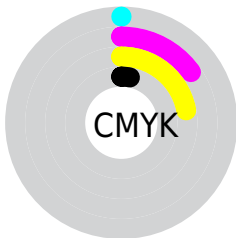
Distribution



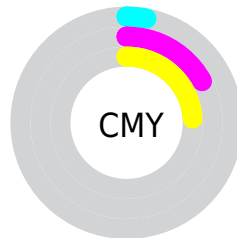
- Red (97%)
- Green (83%)
- Blue (76%)



- Red (97%)
- Yellow (86%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2777, 70.2129, 60.2478 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 71.2777, 70.2129, 60.2478 by changing the saturation by 10% instead.


 71.2777, 70.2129,
60.2478

 71.2777, 70.2129,
60.2478


454.2204,
461.2972, 443.3405

 52.8522, 51.7001,
43.1918


 120.0454,
119.5123, 106.7359

 37.9118, 36.7661,
29.7031


151.1184,
151.0677, 137.0052

 26.0911, 25.0264,
19.3632


187.1378,
187.7395, 172.5159

 17.0249, 16.0968,
11.7536

228.4691,
229.9120, 213.6866

 10.3476, 9.5926,
6.4556

275.4777,
277.9696, 260.9359

 5.6941, 5.1297,
3.0508

328.5289,

 2.6989, 2.3236,

332.2968, 314.6823

1.1206

387.9880,
393.2778, 375.3443

■ 0.9966, 0.7861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2777, 70.2129,
60.2478

■ 71.2777, 70.2129,
60.2478

■ 64.8665, 61.4377,
45.6331

■ 78.5719, 80.0166,
77.4288

■ 59.2973, 53.6471,
33.4558

■ 86.7766, 90.8716,
97.2875

■ 54.5340, 46.8080,
23.5823

■ 92.1680, 98.5143,
108.7651

■ 50.5354, 40.8820,
15.8646

■ 47.2564, 35.8273,
10.1368

■ 44.6461, 31.5988,
6.2087

■ 42.6456, 28.1460,
3.8516

■ 41.4021, 25.8625,
2.8098

Harmonies

Analogous

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



73.8799, 70.2129, 67.9864



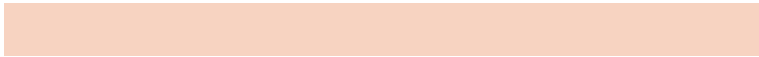
71.2777, 70.2129, 60.2478



67.5303, 70.2129, 56.8849

Triad

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



71.2777, 70.2129, 60.2478



59.4992, 70.2129, 74.2043



69.8541, 70.2129, 97.9754

Complementary

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



71.2777, 70.2129, 60.2478



66.7997, 74.0898, 98.7763

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.



65.9465, 70.2129, 100.0539



71.2777, 70.2129, 60.2478



60.0668, 70.2129, 85.5882

Square

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



71.2777, 70.2129, 60.2478



60.8080, 70.2129, 64.4181



62.3900, 70.2129, 95.3239



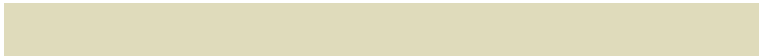
73.0356, 70.2129, 89.8937

Rectangle

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



71.2777, 70.2129, 60.2478



64.9258, 70.2129, 57.3148



62.3900, 70.2129, 95.3239



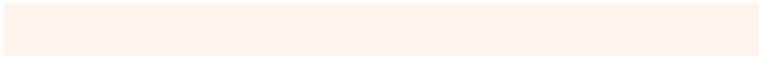
68.5780, 70.2129, 99.4303

Sweetspot

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



71.2796, 70.2161, 60.2493



88.6290, 91.5452, 93.2344



71.5714, 63.5721, 82.6279



18.8567, 19.4441, 19.6815



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.



71.2796, 70.2161, 60.2493



73.6388, 71.4131, 57.8765



78.5586, 84.7742, 62.6756



16.9505, 17.3852, 17.2599



22.0124, 13.9103, 1.5248



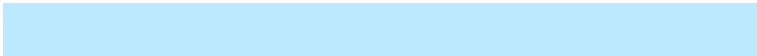
2.0253, 1.4039, 0.1642

Inverse Universe

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



66.7997, 74.0898, 98.7763



68.0709, 76.2185, 105.7317



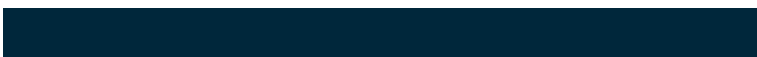
59.9022, 60.2949, 96.4771



16.5041, 17.7725, 21.1031



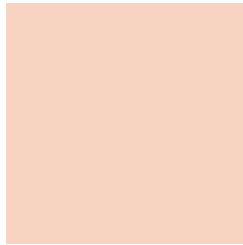
16.0971, 17.9880, 49.1616



1.5090, 1.7694, 4.3522

Previews

White Background



This preview shows how the XYZ color 71.2777, 70.2129, 60.2478 looks on a white background.

Color Contrast Check

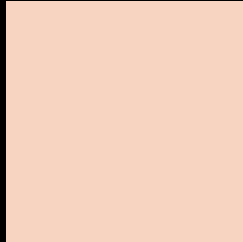
Large Text (above 18pt) WCAG AA × Fail

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 71.2777, 70.2129, 60.2478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

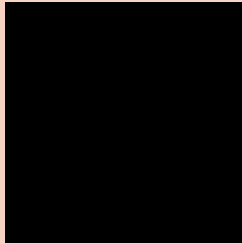
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2777, 70.2129, 60.2478

Background



This preview shows how black text looks on a background with the XYZ color 71.2777, 70.2129, 60.2478.



This preview shows how white text looks on a background with the XYZ color 71.2777, 70.2129,

60.2478.

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

71.2777, 70.2129, 60.2478

Protanopia

66.7138, 70.4592, 62.3083

Deuteranopia

71.7392, 70.0832, 60.1984



Tritanopia

75.4158, 70.4626, 79.4378

Trichromacy



Original Color

71.2777, 70.2129, 60.2478

Protanomaly

68.0824, 70.0334, 61.5592

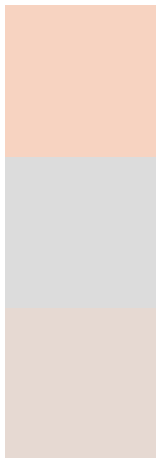
Deuteranomaly

71.3836, 69.8999, 60.1818

Tritanomaly

73.8639, 70.1892, 71.9422

Monochromacy



Original Color

71.2777, 70.2129, 60.2478

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0788, 71.1018, 71.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2777, 70.2129, 60.2478 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, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 193)  
}
```

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, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 193) }
```

Border

The CSS property to change the border of an element to XYZ 71.2777, 70.2129, 60.2478 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, 211, 193) }
```


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

```
.border{ border-color:rgb(247, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2777, 70.2129, 60.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 193) }
```

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

```
.background{ background-color: rgb(247,  
211, 193) }
```

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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