

Converting Colors

XYZ(71.2215, 61.1794, 76.9239)

Have a look what the booklet for
XYZ(71.2215, 61.1794, 76.9239)
contains.

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Color

**XYZ(71.2517, 61.2744,
77.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBADE
RGB	253, 186, 222
RGB Percent	99%, 73%, 87%
CMY	0.0078, 0.2706, 0.1294
CMYK	0.00, 0.26, 0.12, 0.01
HSL	328°, 94%, 86%
HSV	328°, 26%, 99%
XYZ	71.2517, 61.2744, 77.1790
YIQ	210.1370, 28.3760, 25.4000

Conversions

Conversions Part 2

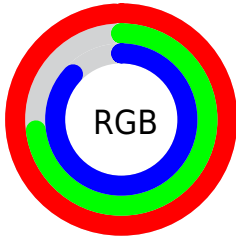
Format	Color
R _Y B	253, 186, 222
Decimal	16628446
CIE Lab	82.53, 29.53, -8.45
CIE LCh	83, 30.713, 344.028
Yxy	61.2744, 0.3398, 0.2922
Android (android.graphics.Color)	4294818526 (0xFFFDCADE)
YUV	210.1370, 5.8485, 37.5909
Hunter-Lab	78.2780, 25.4913, -3.6630

Details

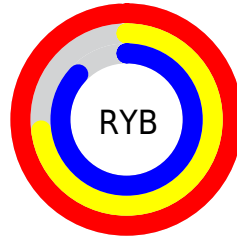
The XYZ color **71.2517, 61.2744, 77.1790** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.9019, 85.7010, 78.6127**, and the grayscale version is **61.2998, 64.4922, 70.2320**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **37.9913, 31.0283, 40.5459** is the 20% darker color. If you saturate the color by 10%, you get **64.8714, 50.9377, 67.5781**, and if you desaturate by 10%, it is **78.6881, 73.5474, 87.6709**.

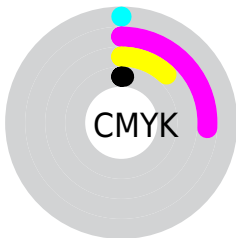
Distribution



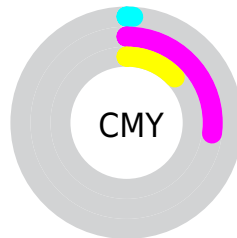
- Red (99%)
- Green (73%)
- Blue (87%)



- Red (99%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2517, 61.2744, 77.1790 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 71.2517, 61.2744, 77.1790 by changing the saturation by 10% instead.

71.2517, 61.2744,
77.1790

71.2517, 61.2744,
77.1790

454.1310,
429.2794, 504.8280

52.8309, 44.4467,
56.8874

120.0086,
106.6761, 131.1674

37.8947, 31.0218,
40.5061

151.0754,
136.0189, 165.7013

26.0778, 20.6155,
27.6165

187.0883,
170.3022, 205.8197

17.0149, 12.8432,
17.8003

228.4126,
209.9103, 251.9411

10.3405, 7.3207,
10.6387

275.4137,
255.2277, 304.4841

5.6893, 3.6634,
5.7134


328.4569,


2.6959, 1.4871,


306.6388, 363.8672


2.6056


387.9075,
364.5279, 430.5090


 0.9951, 0.2796,
0.8954


 0.0000, 0.0000,
0.0000


 71.2517, 61.2744,
77.1790


 71.2517, 61.2744,
77.1790


 64.8714, 50.9377,
67.5781


 78.6881, 73.5474,
87.6709

 59.4900, 42.4286,
58.8362

 87.2235, 87.8414,
99.0765

 55.0526, 35.6403,
50.9245

 94.3183, 99.6228,
108.8658

 51.4965, 30.4512,
43.8106

■ 48.7512, 26.7241,
37.4590

■ 46.7341, 24.2978,
31.8297

■ 45.3426, 22.9712,
26.8757

■ 44.9475, 22.6585,
25.2721

Harmonies

Analogous

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



67.4703, 61.2744, 96.2658



71.2517, 61.2744, 77.1790



71.3787, 61.2744, 58.3246

Triad

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



71.2517, 61.2744, 77.1790



55.2300, 61.2744, 37.4069



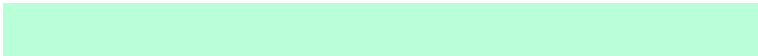
49.6185, 61.2744, 95.1611

Complementary

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



71.2517, 61.2744, 77.1790



67.9019, 85.7010, 78.6127

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.



46.8205, 61.2744, 75.8791



71.2517, 61.2744, 77.1790



49.8915, 61.2744, 43.9340

Square

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



71.2517, 61.2744, 77.1790



61.7862, 61.2744, 37.6235



46.9165, 61.2744, 57.2467



54.8312, 61.2744, 107.9062

Rectangle

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



71.2517, 61.2744, 77.1790



69.3518, 61.2744, 48.4466



46.9165, 61.2744, 57.2467



48.3825, 61.2744, 89.0860

Sweetspot

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



71.2535, 61.2772, 77.1803



87.4011, 87.0747, 99.0361



63.6543, 56.8346, 100.5445



18.4175, 18.1503, 20.8154



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.



71.2535, 61.2772, 77.1803



68.8163, 56.3232, 73.0554



67.2925, 59.6928, 56.3220



18.4175, 18.1503, 20.8154



23.9847, 12.0832, 13.8358



2.3905, 1.1986, 1.6378

Inverse Universe

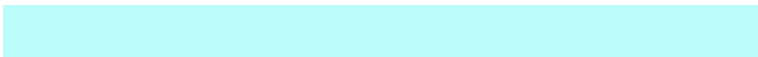
The Inverse Universe completely reimagines the original color for something new.



71.2535, 61.2772, 77.1803



68.8163, 56.3232, 73.0554



72.5774, 87.5712, 103.2336



18.4175, 18.1503, 20.8154



23.9847, 12.0832, 13.8358



2.3905, 1.1986, 1.6378

Previews

White Background



This preview shows how the XYZ color 71.2517, 61.2744, 77.1790 looks on a white background.

Color Contrast Check

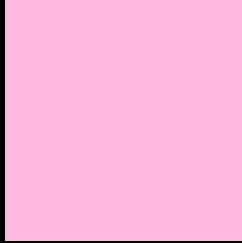
Large Text (above 18pt) WCAG AA × Fail

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 71.2517, 61.2744, 77.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

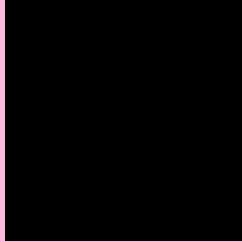
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2517, 61.2744, 77.1790

Background



This preview shows how black text looks on a background with the XYZ color 71.2517, 61.2744, 77.1790.



This preview shows how white text looks on a background with the XYZ color 71.2517, 61.2744,

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

71.2517, 61.2744, 77.1790

Protanopia

60.3882, 61.4864, 85.7761

Deuteranopia

62.6539, 61.4831, 75.5830



Tritanopia

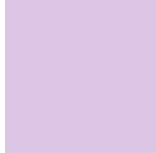
68.8803, 61.2641, 65.3215

Trichromacy



Original Color

71.2517, 61.2744, 77.1790



Protanomaly

63.6243, 60.8053, 82.5120



Deuteranomaly

65.3884, 61.1864, 76.0740



Tritanomaly

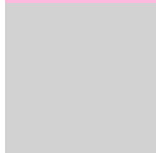
69.8860, 61.3650, 69.7893

Monochromacy



Original Color

71.2517, 61.2744, 77.1790



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.3883, 62.7971, 72.3457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2517, 61.2744, 77.1790 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(253, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(253, 186, 222)  
}
```

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(253, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.2517, 61.2744, 77.1790 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(253, 186, 222) }
```


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

```
.border{ border-color:rgb(253, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(253, 186,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2517, 61.2744, 77.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 186, 222) }
```

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

```
.background{ background-color: rgb(253,  
186, 222) }
```

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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