

Converting Colors

XYZ(71.7151, 69.8975, 62.0674)

Have a look what the booklet for
XYZ(71.7151, 69.8975, 62.0674)
contains.

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Color

**XYZ(71.7218, 70.0352,
61.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D2C4
RGB	248, 210, 196
RGB Percent	97%, 82%, 77%
CMY	0.0274, 0.1764, 0.2314
CMYK	0.00, 0.15, 0.21, 0.03
HSL	16°, 79%, 87%
HSV	16°, 21%, 97%
XYZ	71.7218, 70.0352, 61.9625
YIQ	219.7660, 27.1420, 3.7020

Conversions

Conversions Part 2

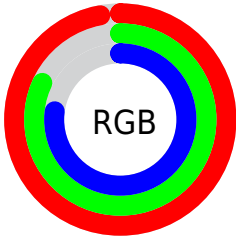
Format	Color
R _Y B	248, 215, 196
Decimal	16306884
CIE Lab	87.01, 11.18, 11.87
CIE LCh	87, 16.308, 46.725
Yxy	70.0352, 0.3521, 0.3438
Android (android.graphics.Color)	4294496964 (0xFFFF8D2C4)
YUV	219.7660, -11.7166, 24.7612
Hunter-Lab	83.6870, 6.5265, 14.6822

Details

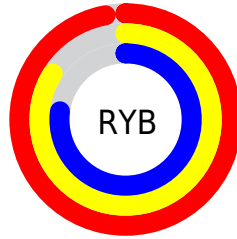
The XYZ color **71.7218, 70.0352, 61.9625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1304, 77.3566, 100.0952**, and the grayscale version is **67.9318, 71.4695, 77.8303**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **38.2568, 36.8063, 30.6792** is the 20% darker color. If you saturate the color by 10%, you get **64.9060, 60.5535, 46.8959**, and if you desaturate by 10%, it is **79.5146, 80.7231, 79.6583**.

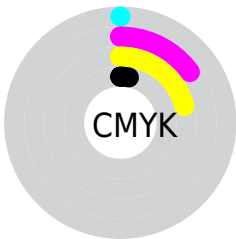
Distribution



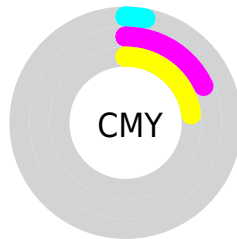
- Red (97%)
- Green (82%)
- Blue (77%)



- Red (97%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7218, 70.0352, 61.9625 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 71.7218, 70.0352, 61.9625 by changing the saturation by 10% instead.


 71.7218, 70.0352,
61.9625

 71.7218, 70.0352,
61.9625


455.7454,
460.6736, 449.7982

 53.2161, 51.5552,
44.5668


120.6739,
119.2590, 109.2424

 38.2035, 36.6507,
30.7759


151.8509,
150.7715, 139.9637

 26.3186, 24.9371,
20.1712

187.9825,
187.3971, 175.9639

 17.1961, 16.0302,
12.3343

229.4340,
229.5200, 217.6616

 10.4705, 9.5455,
6.8465

276.5706,
277.5248, 265.4754

 5.7767, 5.0987,
3.2893

329.7578,

 2.7491, 2.3053,

331.7957, 319.8237

1.2442

389.3610,
392.7171, 381.1251

■ 1.0225, 0.7765,
0.0154

■ 0.0000, 0.0000,
0.0000

■ 71.7218, 70.0352,
61.9625

■ 71.7218, 70.0352,
61.9625

■ 64.9060, 60.5535,
46.8959

■ 79.5146, 80.7231,
79.6583

■ 59.0218, 52.2256,
34.3279

■ 88.3162, 92.6483,
100.0967

■ 54.0286, 45.0094,
24.1232

■ 92.5216, 98.6966,
108.7817

■ 49.8802, 38.8563,
16.1318

■ 46.5261, 33.7141,
10.1864

■ 43.9098, 29.5255,
6.0953

■ 41.9659, 26.2272,
3.6300

■ 40.7065, 23.9463,
2.4766

Harmonies

Analogous

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



73.8406, 70.0352, 70.3698



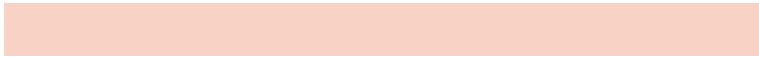
71.7218, 70.0352, 61.9625



68.2648, 70.0352, 57.5848

Triad

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



71.7218, 70.0352, 61.9625



59.6800, 70.0352, 71.5341



68.6995, 70.0352, 98.1941

Complementary

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



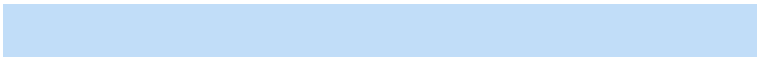
71.7218, 70.0352, 61.9625



69.1304, 77.3566, 100.0952

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.



64.8964, 70.0352, 98.5821



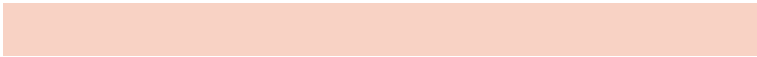
71.7218, 70.0352, 61.9625



59.7863, 70.0352, 82.4625

Square

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



71.7218, 70.0352, 61.9625



61.3678, 70.0352, 62.7445



61.6641, 70.0352, 92.5951



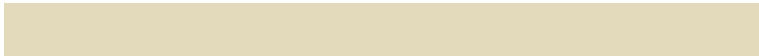
72.0505, 70.0352, 91.5810

Rectangle

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



71.7218, 70.0352, 61.9625



65.7111, 70.0352, 57.2399



61.6641, 70.0352, 92.5951



67.4290, 70.0352, 99.0775

Sweetspot

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



71.7237, 70.0384, 61.9640



89.2204, 92.1270, 95.2845



73.3224, 65.3853, 86.6991



18.9661, 19.5418, 20.0916



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.



71.7237, 70.0384, 61.9640



73.3298, 70.3492, 59.1484



78.6329, 83.8568, 64.2670



17.6249, 17.9856, 18.0050



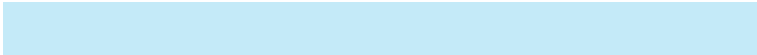
22.0880, 13.1326, 1.3707



2.1293, 1.3835, 0.1548

Inverse Universe

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



69.1304, 77.3566, 100.0952



70.1240, 79.3792, 106.2335



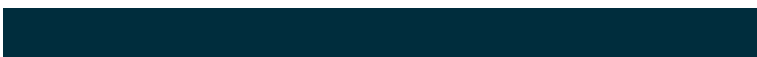
62.2974, 63.6907, 97.8175



17.3473, 18.7714, 22.0942



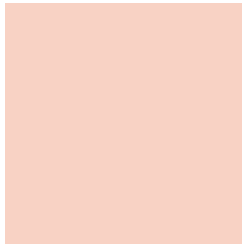
18.2238, 21.8032, 51.2215



1.7753, 2.1944, 4.7732

Previews

White Background



This preview shows how the XYZ color 71.7218, 70.0352, 61.9625 looks on a white background.

Color Contrast Check

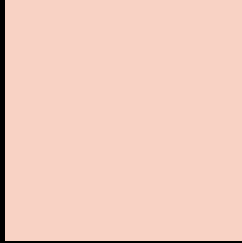
Large Text (above 18pt) WCAG AA × Fail

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 71.7218, 70.0352, 61.9625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

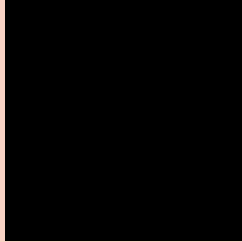
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7218, 70.0352, 61.9625

Background



This preview shows how black text looks on a background with the XYZ color 71.7218, 70.0352, 61.9625.



This preview shows how white text looks on a background with the XYZ color 71.7218, 70.0352,

61.9625.

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

71.7218, 70.0352, 61.9625

Protanopia

66.6022, 69.9646, 64.6378

Deuteranopia

71.3682, 69.8529, 61.9460



Tritanopia

75.0398, 69.9258, 78.6492

Trichromacy



Original Color

71.7218, 70.0352, 61.9625

Protanomaly

68.2871, 69.7091, 63.8889

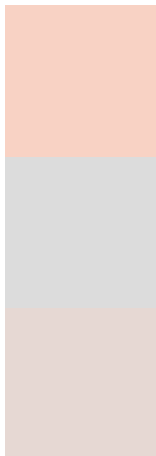
Deuteranomaly

71.3682, 69.8529, 61.9460

Tritanomaly

73.7474, 69.7537, 72.5277

Monochromacy



Original Color

71.7218, 70.0352, 61.9625

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9469, 70.6379, 71.6286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7218, 70.0352, 61.9625 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(248, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(248, 210, 196)  
}
```

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(248, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 210, 196) }
```

Border

The CSS property to change the border of an element to XYZ 71.7218, 70.0352, 61.9625 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(248, 210, 196) }
```


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

```
.border{ border-color:rgb(248, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(248, 210,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7218, 70.0352, 61.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 210, 196) }
```

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

```
.background{ background-color: rgb(248,  
210, 196) }
```

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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