

Converting Colors

XYZ(115.2932, 92.6896,
63.4094)

Have a look what the booklet for
XYZ(115.2932, 92.6896, 63.4094)
contains.

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Color

**XYZ(74.1369, 71.2933,
61.4833)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2C3
RGB	255, 210, 195
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1764, 0.2353
CMYK	0.00, 0.18, 0.24, 0.00
HSL	15°, 100%, 88%
HSV	15°, 24%, 100%
XYZ	74.1369, 71.2933, 61.4833
YIQ	221.7450, 31.6350, 4.8750

Conversions

Conversions Part 2

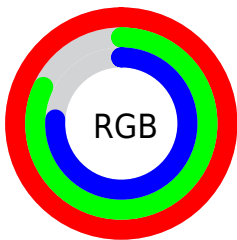
Format	Color
R _Y B	255, 215, 195
Decimal	16765635
CIE Lab	87.63, 13.59, 13.36
CIE LCh	88, 19.056, 44.511
Yxy	71.2933, 0.3583, 0.3446
Android (android.graphics.Color)	4294955715 (0xFFFFD2C3)
YUV	221.7450, -13.1853, 29.1646
Hunter-Lab	84.4354, 8.9667, 15.9315

Details

The XYZ color **74.1369, 71.2933, 61.4833** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7148, 81.1397, 106.4895**, and the grayscale version is **69.3272, 72.9376, 79.4290**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **39.8178, 37.3715, 30.3141** is the 20% darker color. If you saturate the color by 10%, you get **67.0540, 61.3542, 46.0919**, and if you desaturate by 10%, it is **82.2799, 82.5640, 79.6588**.

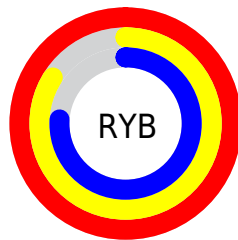
Distribution



Red (100%)

Green (82%)

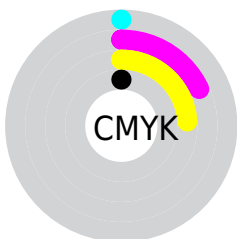
Blue (76%)



Red (100%)

Yellow (84%)

Blue (76%)

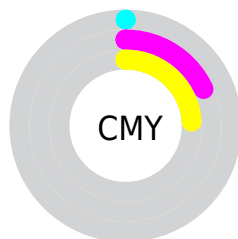


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1369, 71.2933, 61.4833 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 74.1369, 71.2933, 61.4833 by changing the saturation by 10% instead.


 74.1369, 71.2933,
61.4833

 74.1369, 71.2933,
61.4833


463.9887,
465.0781, 447.9994

 55.1978, 52.5816,
44.1822


124.0843,
121.0513, 108.5427

 39.7946, 37.4689,
30.4756


155.8233,
152.8663, 139.1382

 27.5619, 25.5707,
19.9447

192.5596,
189.8179, 175.0022

 18.1344, 16.5028,
12.1712

234.6587,
232.2904, 216.5533

 11.1468, 9.8806,
6.7364

282.4857,
280.6683, 264.2100

 6.2337, 5.3199,
3.2219

336.4062,

 3.0297, 2.4361,

335.3360, 318.3909

1.2090

396.7854,
396.6778, 379.5145

■ 1.1695, 0.8444,
0.0000

■ 0.0821, 0.0000,
0.0000

■ 74.1369, 71.2933,
61.4833

■ 74.1369, 71.2933,
61.4833

■ 67.0540, 61.3542,
46.0919

■ 82.2799, 82.5640,
79.6588

■ 60.9812, 52.6876,
33.3419

■ 91.5197, 95.2038,
100.7426

■ 55.8719, 45.2440,
23.0844

95.0500, 100.0000,
108.9000

■ 51.6740, 38.9667,
15.1541

■ 48.3299, 33.7946,
9.3652

■ 45.7744, 29.6602,
5.5030

■ 43.9319, 26.4880,
3.3073

■ 43.0605, 24.9011,
2.5368

Harmonies

Analogous

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



76.5098, 71.2933, 71.5677



74.1369, 71.2933, 61.4833



70.1048, 71.2933, 56.0663

Triad

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



74.1369, 71.2933, 61.4833



59.7433, 71.2933, 71.1802



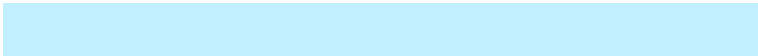
69.9585, 71.2933, 104.2403

Complementary

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



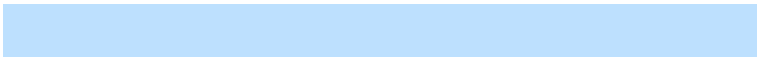
74.1369, 71.2933, 61.4833



71.7148, 81.1397, 106.4895

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.



65.4723, 71.2933, 104.1067



74.1369, 71.2933, 61.4833



59.7081, 71.2933, 84.0175

Square

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



74.1369, 71.2933, 61.4833



61.8622, 71.2933, 61.2268



61.7637, 71.2933, 96.3731



74.0257, 71.2933, 96.7201

Rectangle

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



74.1369, 71.2933, 61.4833



67.0824, 71.2933, 55.4046



61.7637, 71.2933, 96.3731



68.4465, 71.2933, 105.1134

Sweetspot

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



74.1386, 71.2965, 61.4848



88.1854, 90.6579, 93.0866



76.4837, 66.5822, 91.2589



18.7542, 19.2390, 19.6473



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.



74.1386, 71.2965, 61.4848



70.8430, 66.6902, 54.2665



82.2507, 87.5206, 64.1888



18.3784, 18.7250, 18.7900



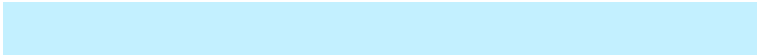
22.5987, 13.2087, 1.3585



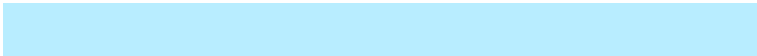
2.2826, 1.4505, 0.1597

Inverse Universe

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



71.7148, 81.1397, 106.4895



68.0474, 78.0128, 106.0792



63.6030, 64.9161, 103.7856



18.1476, 19.6668, 23.0895



19.3174, 23.5443, 52.9610



1.9674, 2.4655, 5.1855

Previews

White Background



This preview shows how the XYZ color 74.1369, 71.2933, 61.4833 looks on a white background.

Color Contrast Check

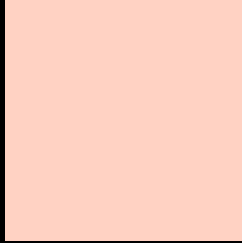
Large Text (above 18pt) WCAG AA × Fail

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 74.1369, 71.2933, 61.4833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

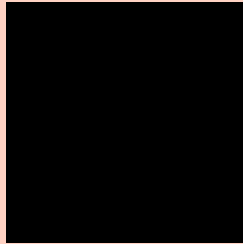
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1369, 71.2933, 61.4833

Background



This preview shows how black text looks on a background with the XYZ color 74.1369, 71.2933, 61.4833.



This preview shows how white text looks on a background with the XYZ color 74.1369, 71.2933,

61.4833.

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

74.1369, 71.2933, 61.4833

Protanopia

68.0699, 71.4912, 64.8551

Deuteranopia

72.8182, 71.3511, 61.5640



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

74.1369, 71.2933, 61.4833

Protanomaly

70.0088, 71.3661, 63.5113

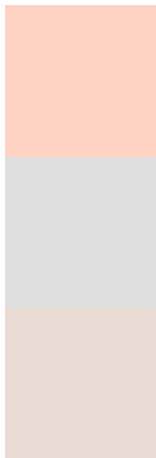
Deuteranomaly

73.2895, 71.2241, 61.5146

Tritanomaly

75.6795, 71.1252, 72.0272

Monochromacy



Original Color

74.1369, 71.2933, 61.4833

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8868, 72.3887, 72.5236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1369, 71.2933, 61.4833 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(255, 210, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 195)  
}
```

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(255, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 195) }
```

Border

The CSS property to change the border of an element to XYZ 74.1369, 71.2933, 61.4833 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(255, 210, 195) }
```


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

```
.border{ border-color:rgb(255, 210, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1369, 71.2933, 61.4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 195) }
```

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

```
.background{ background-color: rgb(255,  
210, 195) }
```

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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