

Converting Colors

XYZ(77.6821, 72.5144, 65.4303)

Have a look what the booklet for
XYZ(77.6821, 72.5144, 65.4303)
contains.

XYZ(74.5831, 71.0780, 65.0468) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(74.5831, 71.0780,
65.0468)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1C9
RGB	255, 209, 201
RGB Percent	100%, 82%, 79%
CMY	0.0000, 0.1804, 0.2118
CMYK	0.00, 0.18, 0.21, 0.00
HSL	9°, 100%, 89%
HSV	9°, 21%, 100%
XYZ	74.5831, 71.0780, 65.0468
YIQ	221.8420, 29.9840, 7.2640

Conversions

Conversions Part 2

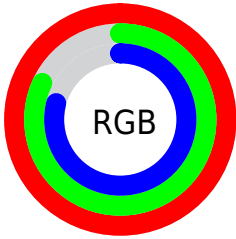
Format	Color
R _Y B	255, 210, 201
Decimal	16765385
CIE Lab	87.52, 14.96, 10.05
CIE LCh	88, 18.020, 33.878
Yxy	71.0780, 0.3540, 0.3373
Android (android.graphics.Color)	4294955465 (0xFFFFD1C9)
YUV	221.8420, -10.2751, 29.0796
Hunter-Lab	84.3078, 10.3719, 13.2708

Details

The XYZ color **74.5831, 71.0780, 65.0468** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3971, 86.1563, 107.2637**, and the grayscale version is **69.3766, 72.9895, 79.4856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1108, 37.2236, 32.6746** is the 20% darker color. If you saturate the color by 10%, you get **66.8584, 60.0372, 48.8807**, and if you desaturate by 10%, it is **83.5357, 83.7772, 84.0807**.

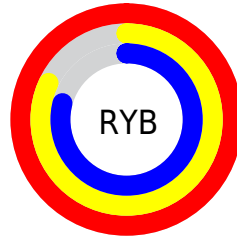
Distribution



Red (100%)

Green (82%)

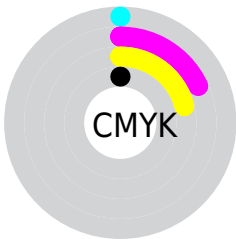
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

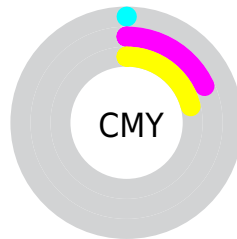


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5831, 71.0780, 65.0468 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 74.5831, 71.0780, 65.0468 by changing the saturation by 10% instead.


 74.5831, 71.0780,
65.0468

 74.5831, 71.0780,
65.0468


465.5027,
464.3261, 461.2709

 55.5644, 52.4059,
47.0474


124.7131,
120.7448, 113.7311

 40.0894, 37.3287,
32.7185


156.5551,
152.5082, 145.2530

 27.7928, 25.4621,
21.6416


193.4023,
189.4042, 182.1197

 18.3092, 16.4216,
13.3980

235.6199,
231.8171, 224.7494

 11.2732, 9.8230,
7.5692

283.5735,
280.1313, 273.5609

 6.3196, 5.2818,
3.7368

337.6282,

 3.0828, 2.4135,

334.7313, 328.9726

1.4821

398.1495,
396.0014, 391.4031

■ 1.1977, 0.8328,
0.2045

■ 0.1046, 0.0000,
0.0000

■ 74.5831, 71.0780,
65.0468

■ 74.5831, 71.0780,
65.0468

■ 66.8584, 60.0372,
48.8807

■ 83.5357, 83.7772,
84.0807

■ 60.3027, 50.5772,
35.4389

■ 93.7616, 98.1897,
106.1075

■ 54.8599, 42.6281,
24.5721

■ 95.0500, 100.0000,
108.9000

■ 50.4673, 36.1111,
16.1150

■ 47.0556, 30.9403,
9.8828

■ 44.5470, 27.0203,
5.6640

■ 42.8512, 24.2429,
3.2055

■ 41.9268, 22.6336,
2.1589

Harmonies

Analogous

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



76.0570, 71.0780, 75.8171



74.5831, 71.0780, 65.0468



71.2255, 71.0780, 58.1955

Triad

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



74.5831, 71.0780, 65.0468



60.4719, 71.0780, 67.5234



68.1126, 71.0780, 103.2138

Complementary

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



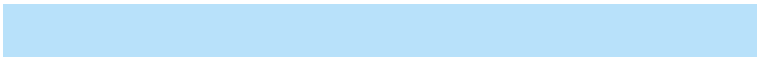
74.5831, 71.0780, 65.0468



75.3971, 86.1563, 107.2637

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.



64.0176, 71.0780, 100.4039



74.5831, 71.0780, 65.0468



59.7160, 71.0780, 78.9883

Square

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



74.5831, 71.0780, 65.0468



63.0970, 71.0780, 59.5165



60.9876, 71.0780, 91.2077



72.2235, 71.0780, 98.5297

Rectangle

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



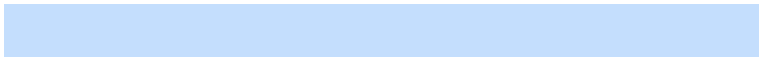
74.5831, 71.0780, 65.0468



68.4341, 71.0780, 56.3462



60.9876, 71.0780, 91.2077



66.6885, 71.0780, 103.1169

Sweetspot

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



74.5848, 71.0811, 65.0483



88.6663, 91.0187, 95.0998



79.0393, 69.7989, 97.9512



18.8356, 19.2807, 20.0480



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.



74.5848, 71.0811, 65.0483



71.4884, 66.6663, 58.5346



81.5486, 85.0087, 67.3695



18.2266, 18.4214, 18.7394



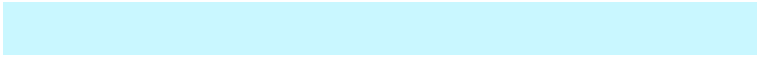
21.9724, 11.9561, 1.1497



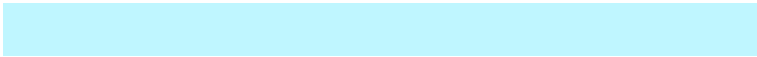
2.2007, 1.2868, 0.1324

Inverse Universe

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



75.3971, 86.1563, 107.2637



72.4177, 83.9667, 106.9981



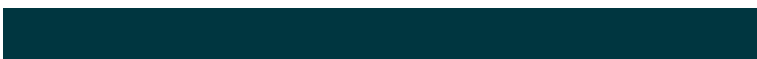
67.9417, 71.2456, 104.7786



18.3119, 19.9954, 23.1443



22.5108, 29.9312, 54.0254



2.2515, 3.0336, 5.2802

Previews

White Background



This preview shows how the XYZ color 74.5831, 71.0780, 65.0468 looks on a white background.

Color Contrast Check

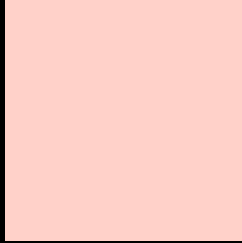
Large Text (above 18pt) WCAG AA × Fail

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 74.5831, 71.0780, 65.0468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

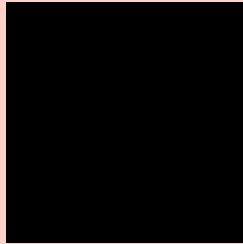
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5831, 71.0780, 65.0468

Background



This preview shows how black text looks on a background with the XYZ color 74.5831, 71.0780, 65.0468.



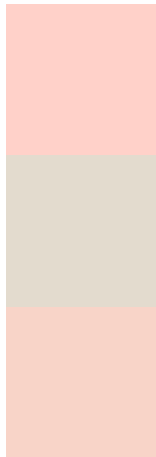
This preview shows how white text looks on a background with the XYZ color 74.5831, 71.0780,

65.0468.

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

74.5831, 71.0780, 65.0468

Protanopia

68.1506, 71.4502, 68.5919

Deuteranopia

72.6802, 71.2136, 64.5585



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

74.5831, 71.0780, 65.0468

Protanomaly

70.1246, 70.9650, 67.1284

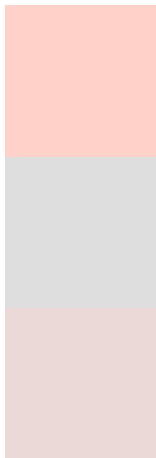
Deuteranomaly

73.5033, 71.2679, 64.5256

Tritanomaly

75.9335, 71.2268, 73.3643

Monochromacy



Original Color

74.5831, 71.0780, 65.0468

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8821, 71.9732, 73.7746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5831, 71.0780, 65.0468 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, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 201)  
}
```

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, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 201) }
```

Border

The CSS property to change the border of an element to XYZ 74.5831, 71.0780, 65.0468 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, 209, 201) }
```


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

```
.border{ border-color:rgb(255, 209, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5831, 71.0780, 65.0468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 201) }
```

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

```
.background{ background-color: rgb(255,  
209, 201) }
```

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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