

Converting Colors

XYZ(77.1468, 74.6377, 70.7342)

Have a look what the booklet for
XYZ(77.1468, 74.6377, 70.7342)
contains.

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Color

**XYZ(77.0491, 74.4643,
70.6337)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D1
RGB	255, 215, 209
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1568, 0.1804
CMYK	0.00, 0.16, 0.18, 0.00
HSL	8°, 100%, 91%
HSV	8°, 18%, 100%
XYZ	77.0491, 74.4643, 70.6337
YIQ	226.2760, 25.7660, 6.6140

Conversions

Conversions Part 2

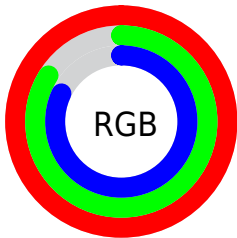
Format	Color
R _Y B	255, 216, 209
Decimal	16766929
CIE Lab	89.14, 13.01, 8.15
CIE LCh	89, 15.351, 32.045
Yxy	74.4643, 0.3468, 0.3352
Android (android.graphics.Color)	4294957009 (0xFFFFD7D1)
YUV	226.2760, -8.5171, 25.1909
Hunter-Lab	86.2927, 8.3670, 11.8739

Details

The XYZ color **77.0491, 74.4643, 70.6337** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2192, 88.5241, 107.5720**, and the grayscale version is **72.5366, 76.3141, 83.1061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7759, 39.5139, 36.4355** is the 20% darker color. If you saturate the color by 10%, you get **68.8730, 62.7667, 53.5591**, and if you desaturate by 10%, it is **86.4990, 87.9005, 90.6277**.

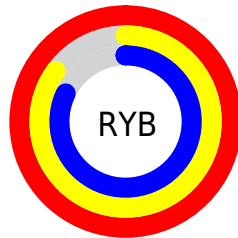
Distribution



Red (100%)

Green (84%)

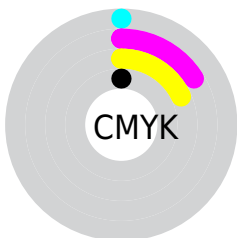
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

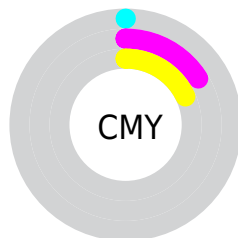


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0491, 74.4643, 70.6337 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 77.0491, 74.4643, 70.6337 by changing the saturation by 10% instead.

 77.0491, 74.4643,
70.6337

 77.0491, 74.4643,
70.6337


473.8208,
476.0743, 481.6210

 57.5932, 55.1741,
51.5633


128.1813,
125.5538, 121.8016

 41.7237, 39.5412,
36.2773


160.5883,
158.1219, 154.7362

 29.0752, 27.1810,
24.3570

198.0431,
195.8847, 193.1293

 19.2823, 17.7092,
15.3840

240.9109,
239.2267, 237.3994

 11.9796, 10.7414,
8.9397

289.5573,
288.5323, 287.9651

 6.8019, 5.8932,
4.6056

344.3475,

 3.3838, 2.7803,

344.1858, 345.2449

1.9631

405.6469,
406.5717, 409.6574

■ 1.3598, 1.0181,
0.5325

■ 0.2273, 0.0000,
0.0000

■ 77.0491, 74.4643,
70.6337

■ 77.0491, 74.4643,
70.6337

■ 68.8730, 62.7667,
53.5591

■ 86.4990, 87.9005,
90.6277

■ 61.9111, 52.7275,
39.2628

95.0500, 100.0000,
108.9000

■ 56.1065, 44.2743,
27.5988

■ 51.3959, 37.3255,
18.4060

■ 47.7095, 31.7924,
11.5055

■ 44.9695, 27.5769,
6.6943

■ 43.0866, 24.5679,
3.7333

■ 41.9489, 22.6340,
2.3015

■ 41.7919, 22.3637,
2.1140

Harmonies

Analogous

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



78.2097, 74.4643, 80.3461



77.0491, 74.4643, 70.6337



74.2014, 74.4643, 64.2116

Triad

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



77.0491, 74.4643, 70.6337



64.6113, 74.4643, 71.8014



71.0331, 74.4643, 103.4549

Complementary

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



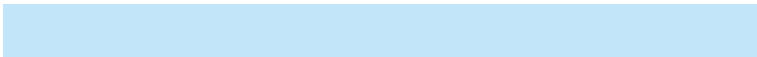
77.0491, 74.4643, 70.6337



78.2192, 88.5241, 107.5720

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.



67.4578, 74.4643, 100.6683



77.0491, 74.4643, 70.6337



63.8291, 74.4643, 81.8163

Square

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



77.0491, 74.4643, 70.6337



67.0282, 74.4643, 64.8428



64.8531, 74.4643, 92.5063



74.6612, 74.4643, 99.8215

Rectangle

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



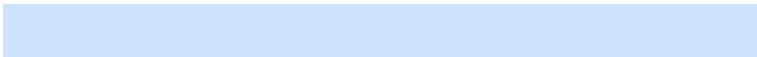
77.0491, 74.4643, 70.6337



71.7761, 74.4643, 62.3424



64.8531, 74.4643, 92.5063



69.7854, 74.4643, 103.2373

Sweetspot

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



77.0508, 74.4675, 70.6352



89.6295, 92.3357, 97.3000



81.2387, 73.7408, 100.0931



19.0271, 19.5409, 20.4905



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.



77.0508, 74.4675, 70.6352



73.6623, 69.6290, 63.5293



83.1394, 86.6448, 72.6648



18.2005, 18.3691, 18.7307



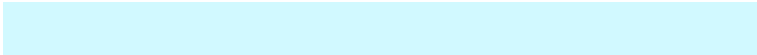
21.8957, 11.8026, 1.1241



2.1885, 1.2623, 0.1283

Inverse Universe

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



78.2192, 88.5241, 107.5720



75.0448, 86.2847, 107.3071



71.7141, 75.5138, 105.4036



18.3407, 20.0530, 23.1539



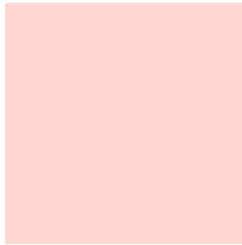
23.1195, 31.1487, 54.2284



2.3049, 3.1406, 5.2980

Previews

White Background



This preview shows how the XYZ color 77.0491, 74.4643, 70.6337 looks on a white background.

Color Contrast Check

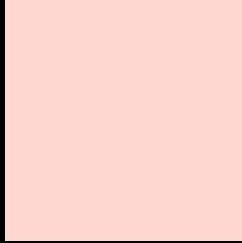
Large Text (above 18pt) WCAG AA × Fail

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 77.0491, 74.4643, 70.6337 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 77.0491, 74.4643, 70.6337

Background



This preview shows how black text looks on a background with the XYZ color 77.0491, 74.4643, 70.6337.

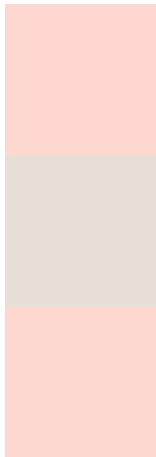


This preview shows how white text looks on a background with the XYZ color 77.0491, 74.4643,

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

77.0491, 74.4643, 70.6337

Protanopia

71.3529, 74.5684, 73.5832

Deuteranopia

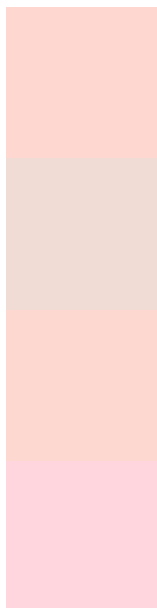
76.2094, 74.4106, 70.6676



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

77.0491, 74.4643, 70.6337

Protanomaly

73.4120, 74.4651, 72.7913

Deuteranomaly

76.5725, 74.5978, 70.6846

Tritanomaly

78.3377, 74.5736, 78.6719

Monochromacy



Original Color

77.0491, 74.4643, 70.6337

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.9646, 75.4144, 78.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0491, 74.4643, 70.6337 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, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 209)  
}
```

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, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 209) }
```

Border

The CSS property to change the border of an element to XYZ 77.0491, 74.4643, 70.6337 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, 215, 209) }
```


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

```
.border{ border-color:rgb(255, 215, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0491, 74.4643, 70.6337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 209) }
```

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

```
.background{ background-color: rgb(255,  
215, 209) }
```

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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