

Converting Colors

XYZ(73.7070, 70.6136, 60.7849)

Have a look what the booklet for
XYZ(73.7070, 70.6136, 60.7849)
contains.

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Color

**XYZ(73.7781, 70.7560,
60.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1C2
RGB	255, 209, 194
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1804, 0.2392
CMYK	0.00, 0.18, 0.24, 0.00
HSL	15°, 100%, 88%
HSV	15°, 24%, 100%
XYZ	73.7781, 70.7560, 60.8077
YIQ	221.0440, 32.2310, 5.0870

Conversions

Conversions Part 2

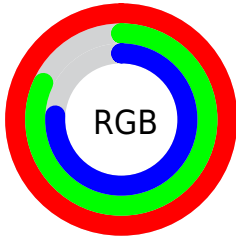
Format	Color
R _Y B	255, 214, 194
Decimal	16765378
CIE Lab	87.37, 13.97, 13.52
CIE LCh	87, 19.439, 44.054
Yxy	70.7560, 0.3593, 0.3446
Android (android.graphics.Color)	4294955458 (0xFFFFD1C2)
YUV	221.0440, -13.3327, 29.7794
Hunter-Lab	84.1166, 9.3571, 16.0210

Details

The XYZ color **73.7781, 70.7560, 60.8077** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4573, 81.0070, 106.4774**, and the grayscale version is **68.8345, 72.4192, 78.8645**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **39.4809, 37.2065, 29.9116** is the 20% darker color. If you saturate the color by 10%, you get **66.7203, 60.8371, 45.5175**, and if you desaturate by 10%, it is **81.9001, 82.0164, 78.8787**.

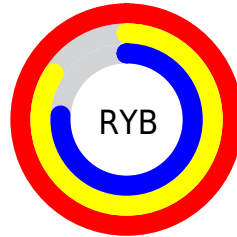
Distribution



Red (100%)

Green (82%)

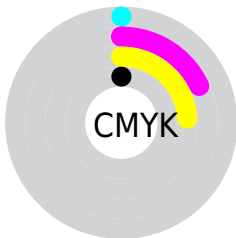
Blue (76%)



Red (100%)

Yellow (84%)

Blue (76%)

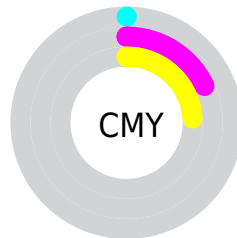


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7781, 70.7560, 60.8077 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 73.7781, 70.7560, 60.8077 by changing the saturation by 10% instead.

 73.7781, 70.7560,
60.8077

 73.7781, 70.7560,
60.8077

462.7693,
463.2000, 445.4556

 54.9031, 52.1431,
43.6404


 123.5784,
120.2862, 107.5553

 39.5577, 37.1191,
30.0528

155.2344,
151.9724, 137.9727

 27.3765, 25.2998,
19.6263


191.8814,
188.7850, 173.6438

 17.9942, 16.3005,
11.9423

233.8848,
231.1086, 214.9874

 11.0455, 9.7371,
6.5823

281.6099,
279.3275, 262.4218

 6.1650, 5.2250,
3.1278

335.4221,

 2.9873, 2.3799,

333.8261, 316.3656

1.1603

395.6868,
394.9888, 377.2373

■ 1.1470, 0.8155,
0.0000

■ 0.0639, 0.0000,
0.0000

■ 73.7781, 70.7560,
60.8077

■ 73.7781, 70.7560,
60.8077

■ 66.7203, 60.8371,
45.5175

■ 81.9001, 82.0164,
78.8787

■ 60.6764, 52.1999,
32.8648

■ 91.1236, 94.6566,
99.8553

■ 55.5993, 44.7939,
22.7004

95.0500, 100.0000,
108.9000

■ 51.4362, 38.5615,
14.8577

■ 48.1288, 33.4404,
9.1501

■ 45.6112, 29.3620,
5.3614

■ 43.8064, 26.2491,
3.2286

■ 43.0024, 24.7848,
2.5175

Harmonies

Analogous

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



76.1570, 70.7560, 71.0799



73.7781, 70.7560, 60.8077



69.6988, 70.7560, 55.2548

Triad

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



73.7781, 70.7560, 60.8077



59.1377, 70.7560, 70.3210



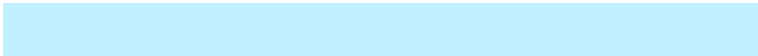
69.4118, 70.7560, 104.1753

Complementary

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



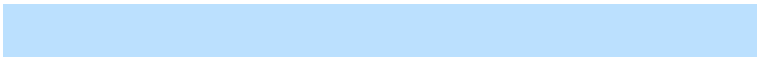
73.7781, 70.7560, 60.8077



71.4573, 81.0070, 106.4774

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.



64.8621, 70.7560, 103.9122



73.7781, 70.7560, 60.8077



59.0687, 70.7560, 83.3269

Square

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



73.7781, 70.7560, 60.8077



61.3145, 70.7560, 60.3066



61.1215, 70.7560, 95.9338



73.5598, 70.7560, 96.6164

Rectangle

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



73.7781, 70.7560, 60.8077



66.6310, 70.7560, 54.5313



61.1215, 70.7560, 95.9338



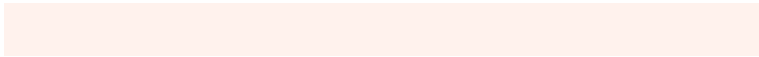
67.8758, 70.7560, 105.0232

Sweetspot

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



73.7798, 70.7591, 60.8092



88.1636, 90.6145, 93.0793



76.3745, 66.1813, 91.7856



18.7491, 19.2290, 19.6456



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.



73.7798, 70.7591, 60.8092



70.0645, 65.5559, 52.7037



81.7664, 86.7323, 63.4714



18.3723, 18.7127, 18.7879



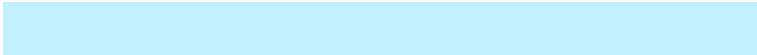
22.5671, 13.1454, 1.3479



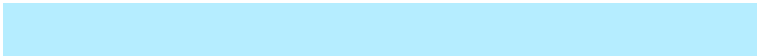
2.2787, 1.4428, 0.1584

Inverse Universe

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



71.4573, 81.0070, 106.4774



67.3468, 77.5079, 106.0187



63.4113, 64.9151, 103.7955



18.1542, 19.6799, 23.0917



19.4359, 23.7814, 53.0005



1.9781, 2.4868, 5.1890

Previews

White Background



This preview shows how the XYZ color 73.7781, 70.7560, 60.8077 looks on a white background.

Color Contrast Check

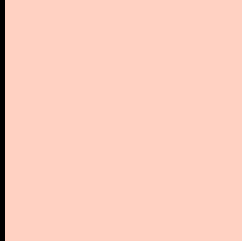
Large Text (above 18pt) WCAG AA × Fail

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 73.7781, 70.7560, 60.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

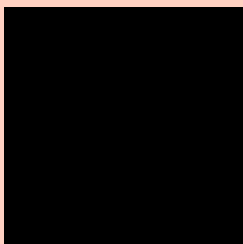
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7781, 70.7560, 60.8077

Background



This preview shows how black text looks on a background with the XYZ color 73.7781, 70.7560, 60.8077.



This preview shows how white text looks on a background with the XYZ color 73.7781, 70.7560,

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

73.7781, 70.7560, 60.8077

Protanopia

67.3751, 70.7603, 64.1399

Deuteranopia

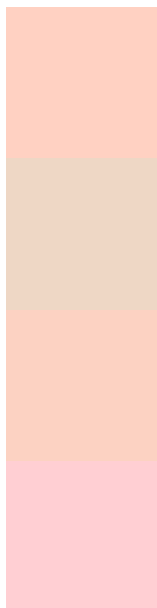
72.4562, 70.8076, 60.8873



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

73.7781, 70.7560, 60.8077

Protanomaly

69.6384, 70.8092, 62.8205

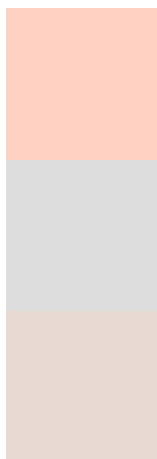
Deuteranomaly

72.9291, 70.6837, 60.8385

Tritanomaly

75.3107, 70.5888, 71.2837

Monochromacy



Original Color

73.7781, 70.7560, 60.8077

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.1750, 71.6525, 71.7597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7781, 70.7560, 60.8077 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 194) }
```

Border

The CSS property to change the border of an element to XYZ 73.7781, 70.7560, 60.8077 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, 194) }
```


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

```
.border{ border-color:rgb(255, 209, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7781, 70.7560, 60.8077 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
209, 194) }
```

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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