

Converting Colors

XYZ(76.7188, 76.7826, 63.1219)

Have a look what the booklet for
XYZ(76.7188, 76.7826, 63.1219)
contains.

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Color

**XYZ(76.6933, 76.7693,
63.0003)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDDC4
RGB	254, 221, 196
RGB Percent	100%, 87%, 77%
CMY	0.0039, 0.1333, 0.2314
CMYK	0.00, 0.13, 0.23, 0.00
HSL	26°, 97%, 88%
HSV	26°, 23%, 100%
XYZ	76.6933, 76.7693, 63.0003
YIQ	228.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

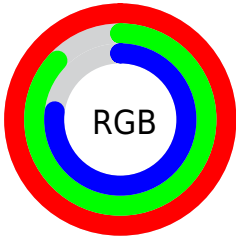
Format	Color
R_{YB}	254, 240, 196
Decimal	16702916
CIE Lab	90.22, 7.66, 16.47
CIE LCh	90, 18.168, 65.048
Yxy	76.7693, 0.3543, 0.3547
Android (android.graphics.Color)	4294892996 (0xFFFE ^D DC4)
YUV	228.0170, -15.7844, 22.7871
Hunter-Lab	87.6181, 2.9118, 18.7012

Details

The XYZ color **76.6933, 76.7693, 63.0003** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6730, 74.9280, 104.6094**, and the grayscale version is **73.8546, 77.7008, 84.6162**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **41.5447, 41.0957, 31.3338** is the 20% darker color. If you saturate the color by 10%, you get **70.3916, 68.4073, 47.8232**, and if you desaturate by 10%, it is **83.8170, 85.9908, 80.8678**.

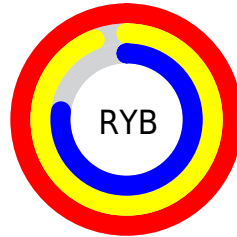
Distribution



Red (100%)

Green (87%)

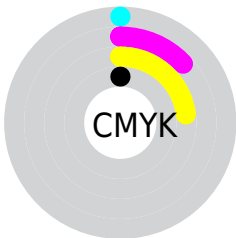
Blue (77%)



Red (100%)

Yellow (94%)

Blue (77%)

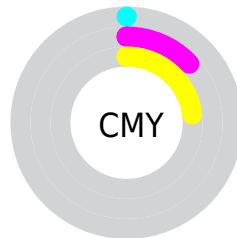


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6933, 76.7693, 63.0003 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 76.6933, 76.7693, 63.0003 by changing the saturation by 10% instead.


 76.6933, 76.7693,
63.0003

 76.6933, 76.7693,
63.0003


472.6257,
483.9771, 453.6786

 57.3002, 57.0636,
45.4005


127.6816,
128.8138, 110.7555

 41.4874, 41.0563,
31.4277


160.0075,
161.9213, 141.7480

 28.8895, 28.3631,
20.6636


197.3751,
200.2648, 178.0417

 19.1411, 18.5995,
12.6895

240.1498,
244.2288, 220.0553

 11.8769, 11.3813,
7.0869

288.6968,
294.1977, 268.2072

 6.7315, 6.3239,
3.4372

343.3815,

 3.3396, 3.0430,

350.5557, 322.9160

1.3220

404.5694,
413.6874, 384.6003

■ 1.3358, 1.1542,
0.0797

■ 0.2098, 0.0238,
0.0000

■ 76.6933, 76.7693,
63.0003

■ 76.6933, 76.7693,
63.0003

■ 70.3916, 68.4073,
47.8232

■ 83.8170, 85.9908,
80.8678

■ 64.8729, 60.8680,
35.1992

■ 91.7873, 96.0864,
101.5442

■ 60.1038, 54.1270,
24.9860

94.6832, 99.8109,
108.8828

■ 56.0459, 48.1548,
17.0252

■ 52.6568, 42.9194,
11.1394

■ 49.8883, 38.3857,
7.1236

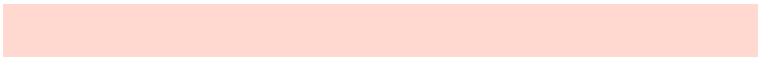
■ 47.6837, 34.5146,
4.7297

■ 46.3960, 32.1164,
3.7538

Harmonies

Analogous

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



80.3122, 76.7693, 70.1004



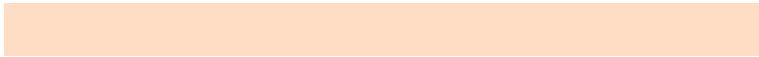
76.6933, 76.7693, 63.0003



72.2052, 76.7693, 61.1749

Triad

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



76.6933, 76.7693, 63.0003



64.6512, 76.7693, 85.7969



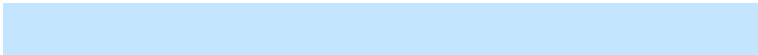
78.0700, 76.7693, 105.6553

Complementary

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



76.6933, 76.7693, 63.0003



68.6730, 74.9280, 104.6094

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.



73.7339, 76.7693, 110.9008



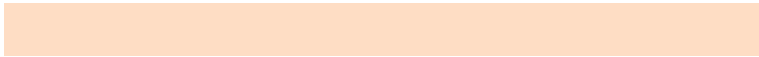
76.6933, 76.7693, 63.0003



66.0837, 76.7693, 98.7050

Square

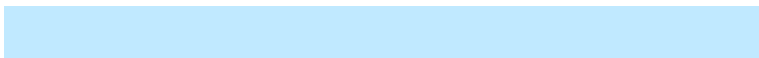
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6933, 76.7693, 63.0003



65.3708, 76.7693, 73.5265



69.3632, 76.7693, 108.2351



81.1298, 76.7693, 94.5295

Rectangle

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



76.6933, 76.7693, 63.0003



69.3505, 76.7693, 63.0148



69.3632, 76.7693, 108.2351



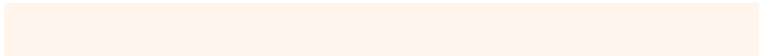
76.7069, 76.7693, 108.2142

Sweetspot

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



76.6953, 76.7728, 63.0019



89.1537, 92.5946, 93.4094



74.8732, 66.2554, 83.5833



18.9781, 19.6868, 19.7219



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.



76.6953, 76.7728, 63.0019



74.6320, 73.8377, 56.8566



84.7646, 92.9113, 65.6917



18.6534, 19.2750, 18.8816



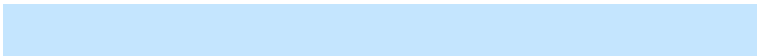
24.6003, 17.2119, 2.0256



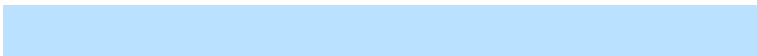
2.5013, 1.8879, 0.2326

Inverse Universe

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



68.6730, 74.9280, 104.6094



65.3472, 71.6999, 105.0030



61.5030, 60.5881, 102.2194



17.8608, 19.0931, 22.9939



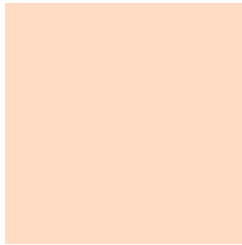
14.8786, 14.6667, 51.4814



1.5573, 1.6452, 5.0488

Previews

White Background



This preview shows how the XYZ color 76.6933, 76.7693, 63.0003 looks on a white background.

Color Contrast Check

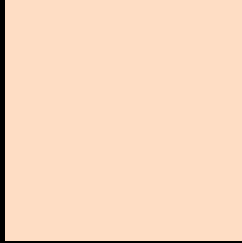
Large Text (above 18pt) WCAG AA × Fail

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 76.6933, 76.7693, 63.0003 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 76.6933, 76.7693, 63.0003

Background



This preview shows how black text looks on a background with the XYZ color 76.6933, 76.7693, 63.0003.



This preview shows how white text looks on a background with the XYZ color 76.6933, 76.7693,

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

76.6933, 76.7693, 63.0003

Protanopia

72.7651, 76.6934, 65.0010

Deuteranopia

77.4939, 76.7107, 66.5994



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

76.6933, 76.7693, 63.0003

Protanomaly

74.1569, 76.6216, 64.3070

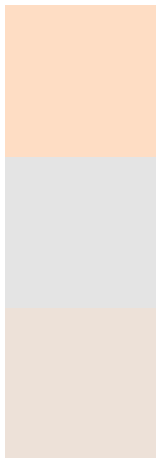
Deuteranomaly

77.2585, 76.6165, 65.3601

Tritanomaly

79.0976, 76.5173, 77.6183

Monochromacy



Original Color

76.6933, 76.7693, 63.0003

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2449, 76.8128, 75.8790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6933, 76.7693, 63.0003 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(254, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 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(254, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 196) }
```

Border

The CSS property to change the border of an element to XYZ 76.6933, 76.7693, 63.0003 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(254, 221, 196) }
```


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

```
.border{ border-color:rgb(254, 221, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 221, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6933, 76.7693, 63.0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 196) }
```

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

```
.background{ background-color: rgb(254,  
221, 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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