

Converting Colors

XYZ(78.3831, 70.7192, 63.2997)

Have a look what the booklet for
XYZ(78.3831, 70.7192, 63.2997)
contains.

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Color

**XYZ(72.6693, 67.6246,
63.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAC7
RGB	255, 202, 199
RGB Percent	100%, 79%, 78%
CMY	0.0000, 0.2078, 0.2196
CMYK	0.00, 0.21, 0.22, 0.00
HSL	3°, 100%, 89%
HSV	3°, 22%, 100%
XYZ	72.6693, 67.6246, 63.2556
YIQ	217.5050, 32.5510, 10.3030

Conversions

Conversions Part 2

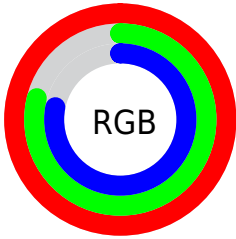
Format	Color
R _Y B	255, 202, 199
Decimal	16763591
CIE Lab	85.82, 18.33, 8.67
CIE LCh	86, 20.275, 25.307
Yxy	67.6246, 0.3570, 0.3322
Android (android.graphics.Color)	4294953671 (0xFFFFCAC7)
YUV	217.5050, -9.1230, 32.8831
Hunter-Lab	82.2342, 13.8284, 11.9573

Details

The XYZ color **72.6693, 67.6246, 63.2556** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4125, 88.9801, 107.7552**, and the grayscale version is **66.3464, 69.8016, 76.0139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7267, 35.0945, 31.5209** is the 20% darker color. If you saturate the color by 10%, you get **64.7269, 56.0875, 47.2045**, and if you desaturate by 10%, it is **81.9966, 81.1369, 82.2174**.

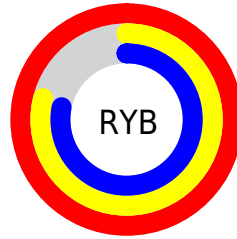
Distribution



Red (100%)

Green (79%)

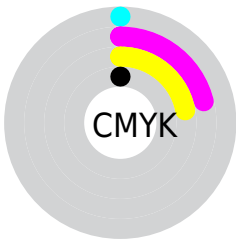
Blue (78%)



Red (100%)

Yellow (79%)

Blue (78%)

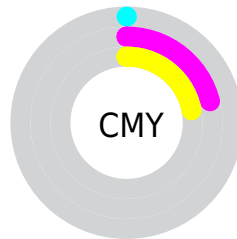


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6693, 67.6246, 63.2556 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 72.6693, 67.6246, 63.2556 by changing the saturation by 10% instead.


 72.6693, 67.6246,
63.2556

 72.6693, 67.6246,
63.2556


458.9894,
452.1648, 454.6300

 53.9930, 49.5924,
45.6057


122.0133,
115.8149, 111.1273

 38.8267, 35.0896,
31.5884


153.4117,
146.7419, 142.1862

 26.8051, 23.7319,
20.7851


189.7815,
182.7358, 178.5518

 17.5627, 15.1349,
12.7773

231.4881,
224.1812, 220.6427

 10.7343, 8.9141,
7.1464

278.8969,
271.4624, 268.8775

 5.9544, 4.6852,
3.4740

332.3731,

 2.8578, 2.0638,

324.9638, 323.6746

1.3415

392.2822,
385.0698, 385.4525

■ 1.0790, 0.6441,
0.0954

■ 0.0074, 0.0000,
0.0000

■ 72.6693, 67.6246,
63.2556

■ 72.6693, 67.6246,
63.2556

■ 64.7269, 56.0875,
47.2045

■ 81.9966, 81.1369,
82.2174

■ 58.0986, 46.4246,
33.9163

■ 92.7650, 96.7012,
104.2196

■ 52.7150, 38.5397,
23.2362

95.0500, 100.0000,
108.9000

■ 48.4983, 32.3242,
14.9927

■ 45.3619, 27.6581,
8.9937

■ 43.2070, 24.4050,
5.0183

■ 41.9170, 22.4047,
2.8007

■ 41.3928, 21.5656,
1.9809

Harmonies

Analogous

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



73.5684, 67.6246, 75.7387



72.6693, 67.6246, 63.2556



69.4799, 67.6246, 54.5842

Triad

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



72.6693, 67.6246, 63.2556



57.2255, 67.6246, 60.0445



63.5491, 67.6246, 102.0972

Complementary

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



72.6693, 67.6246, 63.2556



76.4125, 88.9801, 107.7552

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.



59.3371, 67.6246, 96.6630



72.6693, 67.6246, 63.2556



55.7995, 67.6246, 71.5641

Square

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



72.6693, 67.6246, 63.2556



60.5419, 67.6246, 52.8924



56.5537, 67.6246, 85.0846



68.1588, 67.6246, 99.1871

Rectangle

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



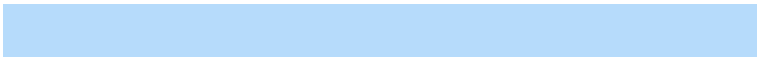
72.6693, 67.6246, 63.2556



66.5611, 67.6246, 51.6082



56.5537, 67.6246, 85.0846



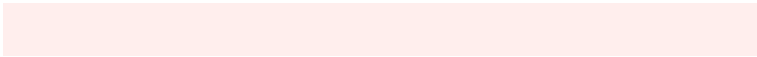
62.0421, 67.6246, 101.1690

Sweetspot

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



72.6710, 67.6276, 63.2570



87.1539, 88.5951, 92.7428



79.2662, 69.1485, 101.4310



18.5161, 18.7629, 19.5679



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.



72.6710, 67.6276, 63.2570



69.2990, 62.7336, 56.4299



79.7903, 81.8663, 65.6301



18.0876, 18.1433, 18.6930



21.6602, 11.3316, 1.0456



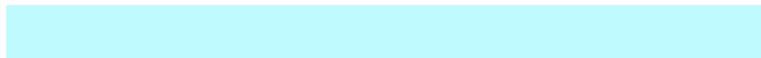
2.1353, 1.1559, 0.1106

Inverse Universe

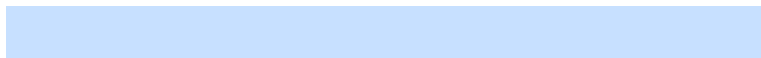
The Inverse Universe completely reimagines the original color for something new.



76.4125, 88.9801, 107.7552



73.5974, 87.2716, 107.5738



68.3132, 72.7816, 105.0555



18.4664, 20.3045, 23.1958



25.9529, 36.8153, 55.1728



2.5515, 3.6336, 5.3802

Previews

White Background



This preview shows how the XYZ color 72.6693, 67.6246, 63.2556 looks on a white background.

Color Contrast Check

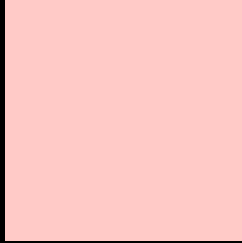
Large Text (above 18pt) WCAG AA × Fail

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 72.6693, 67.6246, 63.2556 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 72.6693, 67.6246, 63.2556

Background



This preview shows how black text looks on a background with the XYZ color 72.6693, 67.6246, 63.2556.



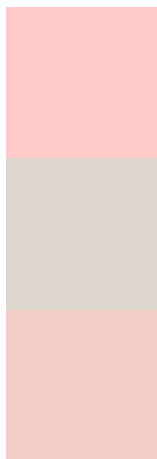
This preview shows how white text looks on a background with the XYZ color 72.6693, 67.6246,

63.2556.

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

72.6693, 67.6246, 63.2556

Protanopia

65.0059, 67.9215, 68.0765

Deuteranopia

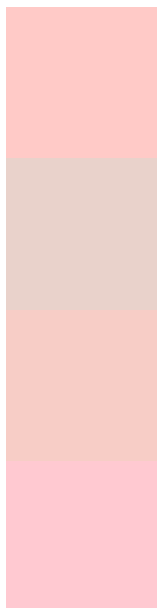
69.1238, 67.5801, 62.8271



Tritanopia

74.1600, 67.4748, 73.4053

Trichromacy



Original Color

72.6693, 67.6246, 63.2556

Protanomaly

67.4304, 67.7286, 66.0189

Deuteranomaly

70.3821, 67.5140, 62.7480

Tritanomaly

73.6353, 67.6367, 69.4958

Monochromacy



Original Color

72.6693, 67.6246, 63.2556

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2564, 68.7790, 71.3062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6693, 67.6246, 63.2556 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, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 199)  
}
```

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, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 199) }
```

Border

The CSS property to change the border of an element to XYZ 72.6693, 67.6246, 63.2556 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, 202, 199) }
```


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

```
.border{ border-color:rgb(255, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6693, 67.6246, 63.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 199) }
```

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

```
.background{ background-color: rgb(255,  
202, 199) }
```

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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