

Converting Colors

XYZ(73.7287, 69.8850, 63.1720)

Have a look what the booklet for
XYZ(73.7287, 69.8850, 63.1720)
contains.

XYZ(73.7459, 69.9629, 63.0434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.7459, 69.9629,
63.0434)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFC6
RGB	255, 207, 198
RGB Percent	100%, 81%, 78%
CMY	0.0000, 0.1882, 0.2235
CMYK	0.00, 0.19, 0.22, 0.00
HSL	9°, 100%, 89%
HSV	9°, 22%, 100%
XYZ	73.7459, 69.9629, 63.0434
YIQ	220.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

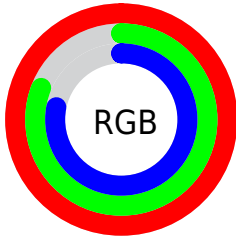
Format	Color
R_{YB}	255, 209, 198
Decimal	16764870
CIE _{Lab}	86.98, 15.57, 10.85
CIE _{LCh}	87, 18.984, 34.873
Yxy	69.9629, 0.3567, 0.3384
Android (android.graphics.Color)	4294954950 (0xFFFFCFC6)
YUV	220.3260, -11.0067, 30.4091
Hunter-Lab	83.6438, 11.0006, 13.8631

Details

The XYZ color **73.7459, 69.9629, 63.0434** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2934, 85.1346, 107.1247**, and the grayscale version is **68.3158, 71.8735, 78.2702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7140, 36.8018, 31.3959** is the 20% darker color. If you saturate the color by 10%, you get **66.1957, 59.1800, 47.2167**, and if you desaturate by 10%, it is **82.5020, 82.3648, 81.7167**.

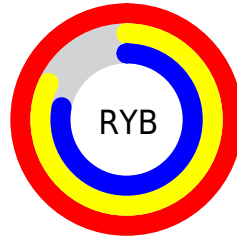
Distribution



Red (100%)

Green (81%)

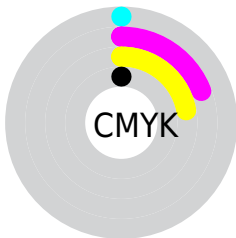
Blue (78%)



Red (100%)

Yellow (82%)

Blue (78%)

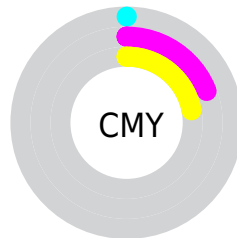


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7459, 69.9629, 63.0434 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 73.7459, 69.9629, 63.0434 by changing the saturation by 10% instead.


 73.7459, 69.9629,
63.0434

 73.7459, 69.9629,
63.0434


462.6598,
460.4197, 453.8393

 54.8766, 51.4963,
45.4351

123.5330,
119.1558, 110.8183

 39.5364, 36.6037,
31.4548

155.1815,
150.6510, 141.8220

 27.3599, 24.9008,
20.6841


191.8205,
187.2577, 178.1279

 17.9817, 16.0032,
12.7043

233.8153,
229.3605, 220.1545

 11.0364, 9.5264,
7.0969

281.5313,
277.3437, 268.3204

 6.1588, 5.0861,
3.4434

335.3338,

 2.9835, 2.2979,

331.5917, 323.0441

1.3253

395.5882,
392.4889, 384.7442

■ 1.1450, 0.7726,
0.0824

■ 0.0623, 0.0000,
0.0000

■ 73.7459, 69.9629,
63.0434

■ 73.7459, 69.9629,
63.0434

■ 66.1957, 59.1800,
47.2167

■ 82.5020, 82.3648,
81.7167

■ 59.7934, 49.9403,
34.0923

■ 92.5089, 96.4393,
103.3626

■ 54.4834, 42.1755,
23.5199

95.0500, 100.0000,
108.9000

■ 50.2034, 35.8086,
15.3324

■ 46.8850, 30.7557,
9.3430

■ 44.4507, 26.9235,
5.3367

■ 42.8105, 24.2061,
3.0547

■ 42.0085, 22.7969,
2.1862

Harmonies

Analogous

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



75.3662, 69.9629, 74.1207



73.7459, 69.9629, 63.0434



70.1867, 69.9629, 56.1275

Triad

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



73.7459, 69.9629, 63.0434



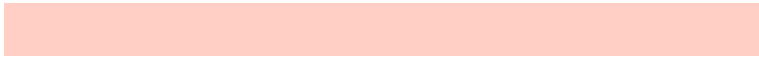
59.0683, 69.9629, 66.2660



67.2251, 69.9629, 103.2101

Complementary

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



73.7459, 69.9629, 63.0434



74.2934, 85.1346, 107.1247

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.



62.9402, 69.9629, 100.5110



73.7459, 69.9629, 63.0434



58.3536, 69.9629, 78.2724

Square

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



73.7459, 69.9629, 63.0434



61.7377, 69.9629, 57.8379



59.7406, 69.9629, 91.0202



71.4962, 69.9629, 98.0345

Rectangle

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



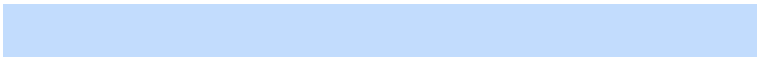
73.7459, 69.9629, 63.0434



67.2630, 69.9629, 54.3403



59.7406, 69.9629, 91.0202



65.7381, 69.9629, 103.1986

Sweetspot

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



73.7476, 69.9660, 63.0448



87.6993, 89.6857, 92.9245



78.1382, 68.3303, 96.6223



18.6419, 19.0145, 19.6099



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.



73.7476, 69.9660, 63.0448



70.0913, 64.7564, 55.3430



81.1560, 84.7829, 65.5143



18.2411, 18.4503, 18.7442



22.0185, 12.0482, 1.1650



2.2074, 1.3003, 0.1346

Inverse Universe

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



74.2934, 85.1346, 107.1247



70.7238, 82.4532, 106.7953



66.3978, 69.3433, 104.4928



18.2961, 19.9638, 23.1390



22.1826, 29.2748, 53.9160



2.2226, 2.9758, 5.2705

Previews

White Background



This preview shows how the XYZ color 73.7459, 69.9629, 63.0434 looks on a white background.

Color Contrast Check

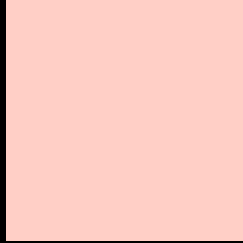
Large Text (above 18pt) WCAG AA × Fail

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 73.7459, 69.9629, 63.0434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

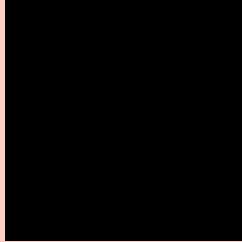
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7459, 69.9629, 63.0434

Background



This preview shows how black text looks on a background with the XYZ color 73.7459, 69.9629, 63.0434.



This preview shows how white text looks on a background with the XYZ color 73.7459, 69.9629,

63.0434.

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

73.7459, 69.9629, 63.0434

Protanopia

66.6437, 69.9451, 66.4882

Deuteranopia

71.4824, 69.8986, 62.5476



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

73.7459, 69.9629, 63.0434

Protanomaly

68.9289, 69.6384, 65.0670

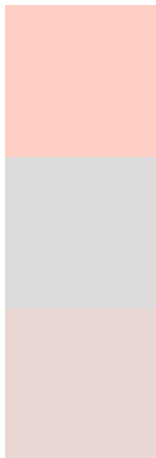
Deuteranomaly

72.3028, 69.9561, 62.5154

Tritanomaly

75.0692, 70.1058, 71.2032

Monochromacy



Original Color

73.7459, 69.9629, 63.0434

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.7884, 70.6780, 72.2513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7459, 69.9629, 63.0434 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, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 198)  
}
```

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, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.7459, 69.9629, 63.0434 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, 207, 198) }
```


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

```
.border{ border-color:rgb(255, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7459, 69.9629, 63.0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 198) }
```

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

```
.background{ background-color: rgb(255,  
207, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor