

# Converting Colors

XYZ(74.3863, 64.4195, 73.4077)

Have a look what the booklet for  
XYZ(74.3863, 64.4195, 73.4077)  
contains.

<b>XYZ(72.2655, 63.4795, 73.4097)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(72.2655, 63.4795,  
73.4097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBFD8
RGB	255, 191, 216
RGB Percent	100%, 75%, 85%
CMY	0.0000, 0.2510, 0.1529
CMYK	0.00, 0.25, 0.15, 0.00
HSL	337°, 100%, 87%
HSV	337°, 25%, 100%
XYZ	72.2655, 63.4795, 73.4097
YIQ	212.9860, 30.1190, 21.3430

# Conversions

## Conversions Part 2

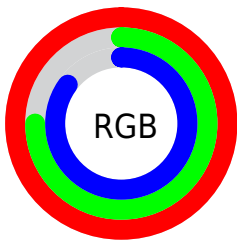
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 191, 216
Decimal	16760792
CIE <sub>Lab</sub>	83.69, 26.64, -3.49
CIE <sub>LCh</sub>	84, 26.864, 352.544
Yxy	63.4795, 0.3455, 0.3035
Android (android.graphics.Color)	4294950872 (0xFFFFBFD8)
<b>YUV</b>	212.9860, 1.4859, 36.8463
Hunter-Lab	79.6740, 22.4726, 1.1435

# Details

The XYZ color **72.2655, 63.4795, 73.4097** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5310, 88.3106, 88.1421**, and the grayscale version is **63.2142, 66.5062, 72.4253**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **38.4046, 32.3348, 37.9353** is the 20% darker color. If you saturate the color by 10%, you get **65.2659, 52.5450, 61.6289**, and if you desaturate by 10%, it is **80.4261, 76.4316, 86.5166**.

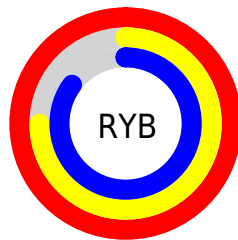
# Distribution



Red (100%)

Green (75%)

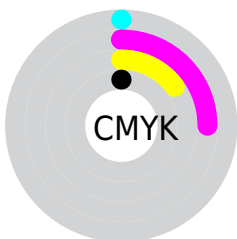
Blue (85%)



Red (100%)

Yellow (75%)

Blue (85%)

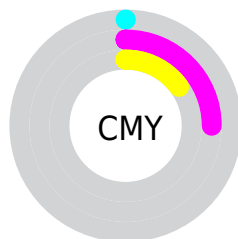


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2655, 63.4795, 73.4097 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 72.2655, 63.4795, 73.4097 by changing the saturation by 10% instead.





 72.2655, 63.4795,  
73.4097

 72.2655, 63.4795,  
73.4097

457.6085,  
437.3076, 491.5423

 53.6618, 46.2292,  
53.8172


 121.4427,  
109.8610, 125.7850

 38.5610, 32.4267,  
38.0633


152.7469,  
139.7610, 159.4048

 26.5975, 21.6877,  
25.7296


189.0154,  
174.6464, 198.5374

 17.4062, 13.6276,  
16.3975

230.6134,  
214.9015, 243.6015

 10.6216, 7.8621,  
9.6485

277.9064,  
260.9108, 295.0155

 5.8784, 4.0068,  
5.0640

331.2596,

 2.8113, 1.6774,


313.0587, 353.1979


2.2255


391.0386,  
371.7295, 418.5673

 1.0547, 0.4090,  
0.6890


 0.0000, 0.0000,  
0.0000


 72.2655, 63.4795,  
73.4097


 72.2655, 63.4795,  
73.4097

 65.2659, 52.5450,  
61.6289


 80.4261, 76.4316,  
86.5166

 59.3676, 43.5174,  
51.1260

 89.7950, 91.4883,  
100.9878

 54.5118, 36.2880,  
41.8552

95.0500, 100.0000,  
108.9000

 50.6324, 30.7336,  
33.7660

■ 47.6549, 26.7150,  
26.8040

■ 45.4935, 24.0707,  
20.9088

■ 44.0432, 22.6016,  
16.0121

■ 43.5209, 22.1724,  
13.9411

# Harmonies

## Analogous

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



69.7713, 63.4795, 90.7601



72.2655, 63.4795, 73.4097



71.4017, 63.4795, 57.4231

# Triad

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



72.2655, 63.4795, 73.4097



56.1001, 63.4795, 43.2995



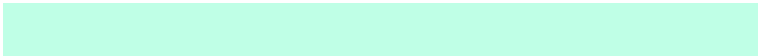
53.7119, 63.4795, 98.1682

# Complementary

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



72.2655, 63.4795, 73.4097



71.5310, 88.3106, 88.1421

# 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.



50.4760, 63.4795, 82.3027



72.2655, 63.4795, 73.4097



51.7910, 63.4795, 51.2234

# Square

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



72.2655, 63.4795, 73.4097



61.8157, 63.4795, 41.7070



49.7963, 63.4795, 64.9977



58.8788, 63.4795, 106.4894



# Rectangle

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



72.2655, 63.4795, 73.4097



69.0624, 63.4795, 49.4397



49.7963, 63.4795, 64.9977



52.3764, 63.4795, 93.4285

# Sweetspot

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



72.2670, 63.4822, 73.4110



86.9464, 86.8929, 96.6418



69.1238, 61.2086, 102.7790



18.3031, 18.1046, 20.2133



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.



72.2670, 63.4822, 73.4110



68.6920, 57.8729, 67.4699



70.7031, 65.1388, 58.1403



18.3031, 18.1046, 20.2133



22.8085, 11.6127, 7.6422



2.2725, 1.1514, 1.0165



# Inverse Universe

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



72.2670, 63.4822, 73.4110



68.6920, 57.8729, 67.4699



73.2898, 85.8019, 107.3064



18.3031, 18.1046, 20.2133



22.8085, 11.6127, 7.6422



2.2725, 1.1514, 1.0165



# Previews

## White Background



This preview shows how the XYZ color 72.2655, 63.4795, 73.4097 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

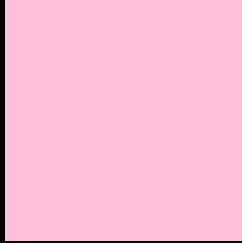
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.2655, 63.4795, 73.4097 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 72.2655, 63.4795, 73.4097**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.2655, 63.4795, 73.4097.



This preview shows how white text looks on a background with the XYZ color 72.2655, 63.4795,



# 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

72.2655, 63.4795, 73.4097

### Protanopia

62.2958, 64.0126, 81.0238

### Deuteranopia

65.1721, 63.8978, 72.5169



## Tritanopia

70.9852, 63.2751, 67.5035

# Trichromacy



## Original Color

72.2655, 63.4795, 73.4097

## Protanomaly

65.3567, 63.5225, 77.9236

## Deuteranomaly

67.6142, 63.7577, 73.0328

## Tritanomaly

71.3555, 63.4232, 69.4538

# Monochromacy



## Original Color

72.2655, 63.4795, 73.4097

## Achromatopsia

63.2451, 66.5387, 72.4607

## Achromatomaly

65.9638, 65.0117, 72.6902

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.2655, 63.4795, 73.4097 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, 191, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 216)  
}
```

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, 191, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 72.2655, 63.4795, 73.4097 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".

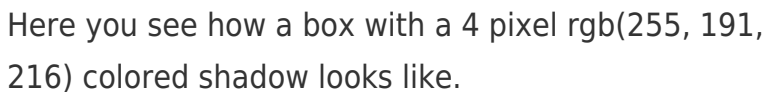
```
.border, #border, table{ border:4px solid rgb(255, 191, 216) }
```



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

```
.border{ border-color:rgb(255, 191, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 191, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 216); box-shadow:4px 4px 4px 4px rgb(255, 191, 216) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.2655, 63.4795, 73.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 216) }
```

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

```
.background{ background-color: rgb(255,  
191, 216) }
```

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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