

Converting Colors

XYZ(73.8973, 62.4678, 87.1343)

Have a look what the booklet for
XYZ(73.8973, 62.4678, 87.1343)
contains.

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Color

**XYZ(73.7943, 62.3760,
86.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAEB
RGB	255, 186, 235
RGB Percent	100%, 73%, 92%
CMY	0.0000, 0.2706, 0.0784
CMYK	0.00, 0.27, 0.08, 0.00
HSL	317°, 100%, 86%
HSV	317°, 27%, 100%
XYZ	73.7943, 62.3760, 86.7476
YIQ	212.2170, 25.3950, 29.8670

Conversions

Conversions Part 2

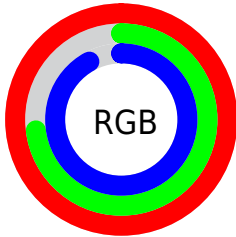
Format	Color
R _Y B	255, 186, 235
Decimal	16759531
CIE Lab	83.11, 32.34, -14.52
CIE LCh	83, 35.449, 335.814
Yxy	62.3760, 0.3310, 0.2798
Android (android.graphics.Color)	4294949611 (0xFFFFBAEB)
YUV	212.2170, 11.2320, 37.5207
Hunter-Lab	78.9785, 28.5709, -9.8374

Details

The XYZ color **73.7943, 62.3760, 86.7476** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.1523, 86.4163, 71.5364**, and the grayscale version is **62.6408, 65.9030, 71.7683**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **39.4139, 31.6275, 46.6752** is the 20% darker color. If you saturate the color by 10%, you get **67.8481, 52.1572, 79.6063**, and if you desaturate by 10%, it is **80.7462, 74.5348, 94.4448**.

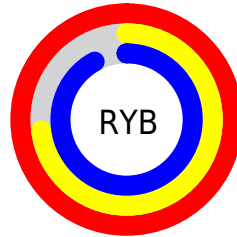
Distribution



Red (100%)

Green (73%)

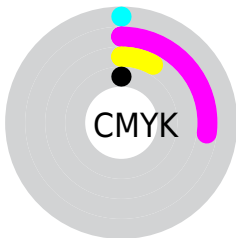
Blue (92%)



Red (100%)

Yellow (73%)

Blue (92%)

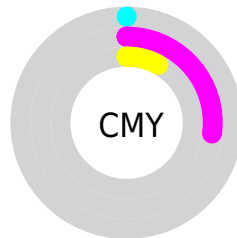


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7943, 62.3760, 86.7476 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 73.7943, 62.3760, 86.7476 by changing the saturation by 10% instead.


 73.7943, 62.3760,
86.7476

 73.7943, 62.3760,
86.7476


462.8244,
433.3013, 537.6878

 54.9164, 45.3366,
64.7279

 123.6012,
108.2688, 144.7080

 39.5684, 31.7226,
46.7905

155.2610,
137.8909, 181.4859

 27.3849, 21.1497,
32.5169


191.9120,
172.4761, 224.0202

 18.0006, 13.2335,
21.4886

233.9197,
212.4087, 272.7295

 11.0501, 7.5895,
13.2869

281.6495,
258.0731, 328.0324

 6.1681, 3.8334,
7.4933

335.4666,

 2.9892, 1.5808,

309.8538, 390.3474

3.6894

395.7365,
368.1350, 460.0930

■ 1.1480, 0.3446,
1.4566

■ 0.0647, 0.0000,
0.1852

■ 73.7943, 62.3760,
86.7476

■ 73.7943, 62.3760,
86.7476

■ 67.8481, 52.1572,
79.6063

■ 80.7462, 74.5348,
94.4448

■ 62.8520, 43.7685,
72.9971

■ 88.7474, 88.7205,
102.7124

■ 58.7510, 37.1008,
66.9000

95.0500, 100.0000,
108.9000

■ 55.4828, 32.0304,
61.2914

■ 52.9767, 28.4166,
56.1451

■ 51.1497, 26.0943,
51.4304

■ 49.8958, 24.8527,
47.1091

■ 49.5892, 24.5997,
45.8961

Harmonies

Analogous

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



68.3486, 62.3760, 108.2818



73.7943, 62.3760, 86.7476



75.2146, 62.3760, 63.7248

Triad

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



73.7943, 62.3760, 86.7476



57.8041, 62.3760, 33.9481



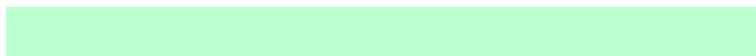
48.1057, 62.3760, 95.7733

Complementary

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



73.7943, 62.3760, 86.7476



67.1523, 86.4163, 71.5364

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.



45.7826, 62.3760, 72.2888



73.7943, 62.3760, 86.7476



51.0631, 62.3760, 39.0839

Square

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



73.7943, 62.3760, 86.7476



65.5411, 62.3760, 36.1960



46.8169, 62.3760, 52.0298



53.4431, 62.3760, 114.2305

Rectangle

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



73.7943, 62.3760, 86.7476



73.5895, 62.3760, 51.1243



46.8169, 62.3760, 52.0298



46.9684, 62.3760, 88.0346

Sweetspot

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



73.7957, 62.3786, 86.7489



87.9464, 87.2928, 101.9074



60.9402, 55.3985, 102.0888



18.5550, 18.2053, 21.5400



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.



73.7957, 62.3786, 86.7489



70.7333, 57.0899, 83.1500



69.3375, 60.5953, 63.2720



18.5550, 18.2053, 21.5400



25.9795, 12.8811, 24.3401



2.5770, 1.2732, 2.6200

Inverse Universe

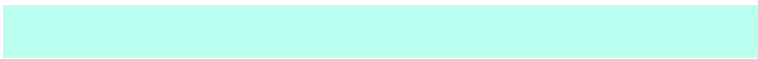
The Inverse Universe completely reimagines the original color for something new.



73.7957, 62.3786, 86.7489



70.7333, 57.0899, 83.1500



71.7470, 88.2542, 95.7313



18.5550, 18.2053, 21.5400



25.9795, 12.8811, 24.3401



2.5770, 1.2732, 2.6200

Previews

White Background



This preview shows how the XYZ color 73.7943, 62.3760, 86.7476 looks on a white background.

Color Contrast Check

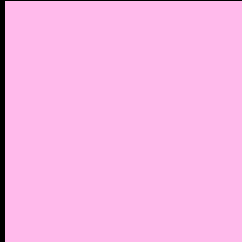
Large Text (above 18pt) WCAG AA × Fail

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 73.7943, 62.3760, 86.7476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

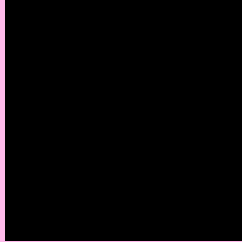
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7943, 62.3760, 86.7476

Background



This preview shows how black text looks on a background with the XYZ color 73.7943, 62.3760, 86.7476.



This preview shows how white text looks on a background with the XYZ color 73.7943, 62.3760,

86.7476.

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

73.7943, 62.3760, 86.7476

Protanopia

62.3033, 62.9257, 97.6691

Deuteranopia

64.0049, 62.6662, 85.0663



Tritanopia

69.5550, 62.2271, 66.7376

Trichromacy



Original Color

73.7943, 62.3760, 86.7476



Protanomaly

65.8145, 62.3780, 93.3654



Deuteranomaly

67.0810, 62.1860, 85.5583



Tritanomaly

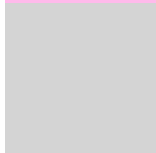
70.8669, 62.1004, 73.8971

Monochromacy



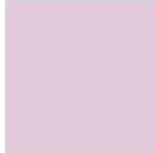
Original Color

73.7943, 62.3760, 86.7476



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.2691, 64.3732, 76.6426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7943, 62.3760, 86.7476 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, 186, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 235)  
}
```

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, 186, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.7943, 62.3760, 86.7476 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, 186, 235) }
```


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

```
.border{ border-color:rgb(255, 186, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 235); box-shadow:4px 4px 4px 4px rgb(255, 186, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7943, 62.3760, 86.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 235) }
```

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

```
.background{ background-color: rgb(255,  
186, 235) }
```

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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