

# Converting Colors

XYZ(71.2563, 62.2582, 72.2345)

Have a look what the booklet for XYZ(71.2563, 62.2582, 72.2345) contains.

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# Color

**XYZ(71.3364, 62.3723,  
72.5692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEBDD7
RGB	254, 189, 215
RGB Percent	100%, 74%, 84%
CMY	0.0039, 0.2588, 0.1569
CMYK	0.00, 0.26, 0.15, 0.00
HSL	336°, 97%, 87%
HSV	336°, 26%, 100%
XYZ	71.3364, 62.3723, 72.5692
YIQ	211.3990, 30.3940, 21.8660

# Conversions

## Conversions Part 2

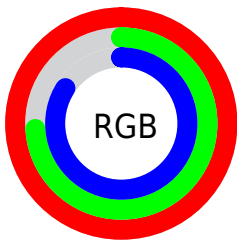
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 189, 215
Decimal	16694743
CIE <sub>Lab</sub>	83.11, 27.19, -3.82
CIE <sub>LCh</sub>	83, 27.453, 352.003
Yxy	62.3723, 0.3458, 0.3024
Android (android.graphics.Color)	4294884823 (0xFFFE <sub>BDD7</sub> )
YUV	211.3990, 1.7753, 37.3611
Hunter-Lab	78.9761, 23.0246, 0.8032

# Details

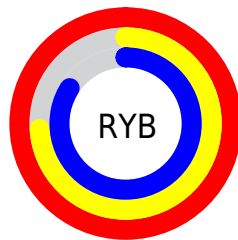
The XYZ color **71.3364, 62.3723, 72.5692** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4342, 87.3055, 86.5423**, and the grayscale version is **62.1567, 65.3937, 71.2138**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.7741, 31.6018, 37.3665** is the 20% darker color. If you saturate the color by 10%, you get **64.4757, 51.6400, 61.0660**, and if you desaturate by 10%, it is **79.3399, 75.0968, 85.3549**.

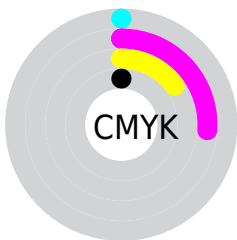
# Distribution



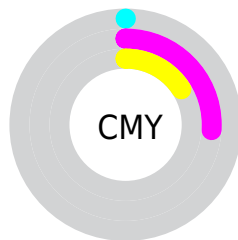
- Red (100%)
- Green (74%)
- Blue (84%)



- Red (100%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3364, 62.3723, 72.5692 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 71.3364, 62.3723, 72.5692 by changing the saturation by 10% instead.



71.3364, 62.3723,  
72.5692

71.3364, 62.3723,  
72.5692

454.4221,  
433.2878, 488.5511

52.9003, 45.3336,  
53.1341

120.1285,  
108.2634, 124.5807

37.9503, 31.7203,  
37.5214

151.2152,  
137.8846, 157.9941

26.1212, 21.1479,  
25.3125

187.2495,  
172.4688, 196.9041

17.0475, 13.2322,  
16.0889

228.5967,  
212.4003, 241.7292

10.3639, 7.5886,  
9.4320

275.6223,  
258.0636, 292.8879

5.7050, 3.8329,  
4.9234

328.6914,

2.7055, 1.5805,

309.8430, 350.7987

2.1444

388.1696,  
368.1229, 415.8803

■ 1.0000, 0.3444,  
0.6420

■ 0.0000, 0.0000,  
0.0000

■ 71.3364, 62.3723,  
72.5692

■ 71.3364, 62.3723,  
72.5692

■ 64.4757, 51.6400,  
61.0660

■ 79.3399, 75.0968,  
85.3549

■ 58.6977, 42.7896,  
50.7987

■ 88.5318, 89.8993,  
99.4599

■ 53.9444, 35.7130,  
41.7231

94.6834, 99.8110,  
108.8828

■ 50.1503, 30.2876,  
33.7908

■ 47.2416, 26.3750,  
26.9488

■ 45.1327, 23.8137,  
21.1391

■ 43.7189, 22.4045,  
16.2952

■ 43.2514, 22.0222,  
14.4351

# Harmonies

## Analogous

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



68.7533, 62.3723, 90.1220



71.3364, 62.3723, 72.5692



70.5235, 62.3723, 56.3731

# Triad

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



71.3364, 62.3723, 72.5692



55.1034, 62.3723, 41.8610



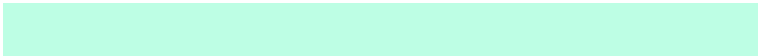
52.5217, 62.3723, 97.1103

# Complementary

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



71.3364, 62.3723, 72.5692



70.4342, 87.3055, 86.5423

# 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.



49.3052, 62.3723, 80.9288



71.3364, 62.3723, 72.5692



50.7249, 62.3723, 49.6896

# Square

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



71.3364, 62.3723, 72.5692



60.8873, 62.3723, 40.3826



48.6701, 62.3723, 63.4600



57.7071, 62.3723, 105.7567



# Rectangle

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



71.3364, 62.3723, 72.5692



68.1881, 62.3723, 48.2801



48.6701, 62.3723, 63.4600



51.1891, 62.3723, 92.2550

# Sweetspot

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



71.3382, 62.3751, 72.5705



86.9752, 86.9044, 96.7936



68.0843, 60.0481, 101.7687



18.3104, 18.1075, 20.2515



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.



71.3382, 62.3751, 72.5705



68.0874, 56.8238, 66.7749



69.6879, 64.0025, 56.8283



18.3104, 18.1075, 20.2515



22.8705, 11.6375, 7.9683



2.2790, 1.1540, 1.0507



# Inverse Universe

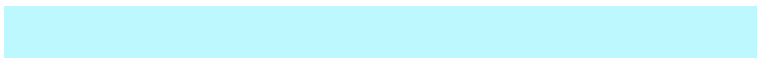
The Inverse Universe completely reimagines the original color for something new.



71.3382, 62.3751, 72.5705



68.0874, 56.8238, 66.7749



72.2916, 84.8040, 106.3254



18.3104, 18.1075, 20.2515



22.8705, 11.6375, 7.9683



2.2790, 1.1540, 1.0507



# Previews

## White Background



This preview shows how the XYZ color 71.3364, 62.3723, 72.5692 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

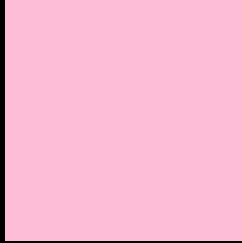
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.3364, 62.3723, 72.5692 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

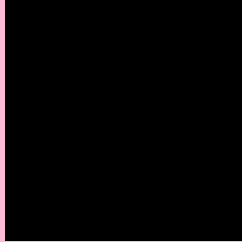
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 71.3364, 62.3723, 72.5692

## Background



This preview shows how black text looks on a background with the XYZ color 71.3364, 62.3723, 72.5692.



This preview shows how white text looks on a background with the XYZ color 71.3364, 62.3723,

72.5692.

# 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

71.3364, 62.3723, 72.5692

### Protanopia

61.1155, 62.7007, 80.1155

### Deuteranopia

63.9482, 62.5849, 71.6605



## Tritanopia

70.1583, 62.5520, 66.1336

# Trichromacy



## Original Color

71.3364, 62.3723, 72.5692

## Protanomaly

64.1368, 62.2170, 77.0353

## Deuteranomaly

66.6959, 62.6204, 72.1900

## Tritanomaly

70.4301, 62.3130, 68.6371

# Monochromacy



## Original Color

71.3364, 62.3723, 72.5692

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

64.9182, 63.7962, 71.1797

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.3364, 62.3723, 72.5692 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, 189, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 215)  
}
```

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, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 71.3364, 62.3723, 72.5692 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, 189, 215) }
```



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

```
.border{ border-color:rgb(254, 189, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.3364, 62.3723, 72.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 215) }
```

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

```
.background{ background-color: rgb(254,  
189, 215) }
```

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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