

Converting Colors

XYZ(72.0094, 62.3409, 75.2555)

Have a look what the booklet for
XYZ(72.0094, 62.3409, 75.2555)
contains.

XYZ(72.0094, 62.3409, 75.2555)	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(72.0094, 62.3409,
75.2555)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCDB
RGB	255, 188, 219
RGB Percent	100%, 74%, 86%
CMY	0.0000, 0.2627, 0.1412
CMYK	0.00, 0.26, 0.14, 0.00
HSL	332°, 100%, 87%
HSV	332°, 26%, 100%
XYZ	72.0094, 62.3409, 75.2555
YIQ	211.5670, 29.9810, 23.8450

Conversions

Conversions Part 2

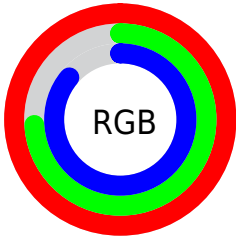
Format	Color
R _Y B	255, 188, 219
Decimal	16760027
CIE Lab	83.09, 28.68, -5.98
CIE LCh	83, 29.299, 348.228
Yxy	62.3409, 0.3435, 0.2974
Android (android.graphics.Color)	4294950107 (0xFFFFBCDB)
YUV	211.5670, 3.6645, 38.0907
Hunter-Lab	78.9563, 24.6215, -1.2416

Details

The XYZ color **72.0094, 62.3409, 75.2555** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.9557, 87.5942, 83.7448**, and the grayscale version is **62.2559, 65.4980, 71.3274**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **38.2519, 31.6008, 39.2054** is the 20% darker color. If you saturate the color by 10%, you get **65.3052, 51.7015, 64.4844**, and if you desaturate by 10%, it is **79.8274, 74.9697, 87.1321**.

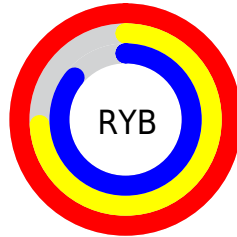
Distribution



Red (100%)

Green (74%)

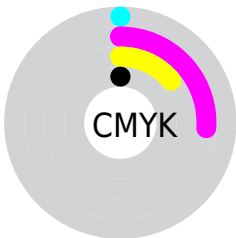
Blue (86%)



Red (100%)

Yellow (74%)

Blue (86%)

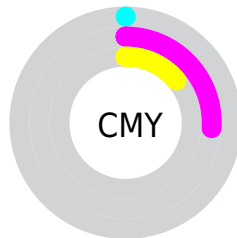


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0094, 62.3409, 75.2555 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 72.0094, 62.3409, 75.2555 by changing the saturation by 10% instead.


 72.0094, 62.3409,
75.2555

 72.0094, 62.3409,
75.2555


456.7314,
433.1735, 498.0741

 53.4518, 45.3082,
55.3192


 121.0806,
108.2181, 128.4244

 38.3925, 31.7003,
39.2570

152.3250,
137.8314, 162.4941

 26.4661, 21.1327,
26.6504


188.5290,
172.4069, 202.1120

 17.3071, 13.2210,
17.0807

230.0581,
212.3293, 247.6968

 10.5504, 7.5809,
10.1295

277.2775,
257.9827, 299.6668

 5.8304, 3.8280,
5.3782

330.5526,

 2.7819, 1.5778,

309.7516, 358.4407

2.4082

390.2488,
368.0204, 424.4369

■ 1.0395, 0.3426,
0.7909

■ 0.0000, 0.0000,
0.0000

■ 72.0094, 62.3409,
75.2555

■ 72.0094, 62.3409,
75.2555

■ 65.3052, 51.7015,
64.4844

■ 79.8274, 74.9697,
87.1321

■ 59.6563, 42.9410,
54.7794

■ 88.8052, 89.6753,
100.1442

■ 55.0051, 35.9497,
46.1038

95.0500, 100.0000,
108.9000

■ 51.2865, 30.6038,
38.4170

■ 48.4271, 26.7628,
31.6747

■ 46.3413, 24.2625,
25.8277

■ 44.9237, 22.8986,
20.8190

■ 44.5087, 22.5675,
19.1425

Harmonies

Analogous

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



68.8199, 62.3409, 93.9005



72.0094, 62.3409, 75.2555



71.6055, 62.3409, 57.5312

Triad

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



72.0094, 62.3409, 75.2555



55.5205, 62.3409, 39.8195



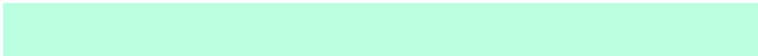
51.4959, 62.3409, 97.3950

Complementary

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



72.0094, 62.3409, 75.2555



69.9557, 87.5942, 83.7448

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.



48.4099, 62.3409, 79.3978



72.0094, 62.3409, 75.2555



50.6168, 62.3409, 47.1719

Square

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



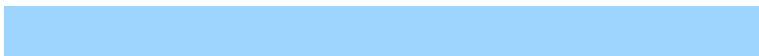
72.0094, 62.3409, 75.2555



61.7759, 62.3409, 39.1106



48.1000, 62.3409, 61.0003



56.8001, 62.3409, 108.1248

Rectangle

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



72.0094, 62.3409, 75.2555



69.3571, 62.3409, 48.4822



48.1000, 62.3409, 61.0003



50.1815, 62.3409, 91.8609

Sweetspot

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



72.0108, 62.3436, 75.2568



87.1689, 86.9818, 97.8132



66.6933, 58.9942, 102.4796



18.3590, 18.1269, 20.5077



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.



72.0108, 62.3436, 75.2568



68.0374, 56.0116, 68.9538



68.7831, 61.8217, 55.8879



18.3590, 18.1269, 20.5077



23.3303, 11.8214, 10.3899



2.3261, 1.1728, 1.2985

Inverse Universe

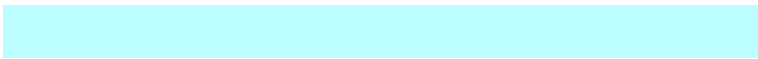
The Inverse Universe completely reimagines the original color for something new.



72.0108, 62.3436, 75.2568



68.0374, 56.0116, 68.9538



73.8423, 88.0156, 107.7045



18.3590, 18.1269, 20.5077



23.3303, 11.8214, 10.3899



2.3261, 1.1728, 1.2985

Previews

White Background



This preview shows how the XYZ color 72.0094, 62.3409, 75.2555 looks on a white background.

Color Contrast Check

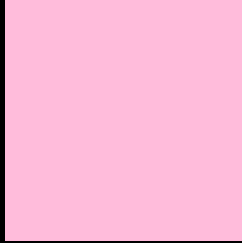
Large Text (above 18pt) WCAG AA × Fail

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 72.0094, 62.3409, 75.2555 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 72.0094, 62.3409, 75.2555

Background



This preview shows how black text looks on a background with the XYZ color 72.0094, 62.3409, 75.2555.



This preview shows how white text looks on a background with the XYZ color 72.0094, 62.3409,

75.2555.

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

72.0094, 62.3409, 75.2555

Protanopia

61.2561, 62.6932, 83.7354

Deuteranopia

63.8425, 62.4710, 74.3389



Tritanopia

69.9409, 62.1173, 66.0612

Trichromacy



Original Color

72.0094, 62.3409, 75.2555



Protanomaly

64.5823, 62.0258, 80.5198



Deuteranomaly

66.6558, 62.2040, 74.8231



Tritanomaly

70.7035, 62.1192, 69.2365

Monochromacy



Original Color

72.0094, 62.3409, 75.2555



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

65.6166, 64.1121, 73.2065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0094, 62.3409, 75.2555 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, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 219)  
}
```

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, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.0094, 62.3409, 75.2555 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, 188, 219) }
```


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

```
.border{ border-color:rgb(255, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0094, 62.3409, 75.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 219) }
```

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

```
.background{ background-color: rgb(255,  
188, 219) }
```

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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