

Converting Colors

XYZ(72.0266, 62.8086, 73.9255)

Have a look what the booklet for
XYZ(72.0266, 62.8086, 73.9255)
contains.

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Color

**XYZ(71.9620, 62.6649,
73.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD9
RGB	255, 189, 217
RGB Percent	100%, 74%, 85%
CMY	0.0000, 0.2588, 0.1490
CMYK	0.00, 0.26, 0.15, 0.00
HSL	335°, 100%, 87%
HSV	335°, 26%, 100%
XYZ	71.9620, 62.6649, 73.9484
YIQ	211.9260, 30.3480, 22.7000

Conversions

Conversions Part 2

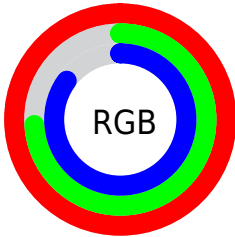
Format	Color
R _Y B	255, 189, 217
Decimal	16760281
CIE Lab	83.27, 27.84, -4.65
CIE LCh	83, 28.230, 350.514
Yxy	62.6649, 0.3450, 0.3004
Android (android.graphics.Color)	4294950361 (0xFFFFBDD9)
YUV	211.9260, 2.5015, 37.7759
Hunter-Lab	79.1612, 23.7346, 0.0271

Details

The XYZ color **71.9620, 62.6649, 73.9484** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6135, 87.8859, 85.9183**, and the grayscale version is **62.5012, 65.7562, 71.6085**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **38.2115, 31.8069, 38.3078** is the 20% darker color. If you saturate the color by 10%, you get **65.1257, 51.9138, 62.6630**, and if you desaturate by 10%, it is **79.9354, 75.4179, 86.4528**.

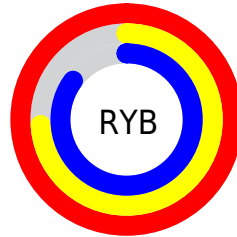
Distribution



Red (100%)

Green (74%)

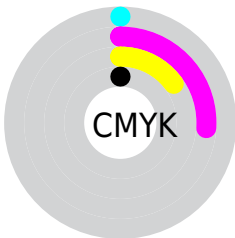
Blue (85%)



Red (100%)

Yellow (74%)

Blue (85%)

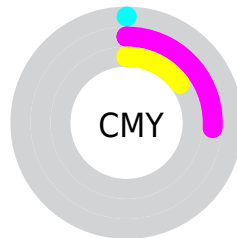


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9620, 62.6649, 73.9484 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 71.9620, 62.6649, 73.9484 by changing the saturation by 10% instead.


 71.9620, 62.6649,
73.9484

 71.9620, 62.6649,
73.9484

456.5690,
434.3523, 493.4539

 53.4130, 45.5702,
54.2553


 121.0136,
108.6859, 126.5560

 38.3614, 31.9068,
38.4112


152.2469,
138.3810, 160.3076

 26.4418, 21.2903,
25.9977


188.4390,
173.0450, 199.5824

 17.2888, 13.3364,
16.5962

229.9553,
213.0623, 244.7990

 10.5372, 7.6606,
9.7881

277.1610,
258.8173, 296.3759

 5.8216, 3.8785,
5.1549

330.4217,

 2.7765, 1.6059,

310.6943, 354.7317

2.2781

390.1026,
369.0779, 420.2848

■ 1.0367, 0.3615,
0.7189

■ 0.0000, 0.0000,
0.0000

■ 71.9620, 62.6649,
73.9484

■ 71.9620, 62.6649,
73.9484

■ 65.1257, 51.9138,
62.6630

■ 79.9354, 75.4179,
86.4528

■ 59.3672, 43.0538,
52.5527

■ 89.0927, 90.2600,
100.2103

■ 54.6285, 35.9756,
43.5763

95.0500, 100.0000,
108.9000

■ 50.8436, 30.5553,
35.6881

■ 47.9385, 26.6528,
28.8387

■ 45.8272, 24.1046,
22.9732

■ 44.4040, 22.7081,
18.0289

■ 43.9560, 22.3464,
16.2324

Harmonies

Analogous

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



69.1308, 62.6649, 92.0314



71.9620, 62.6649, 73.9484



71.2989, 62.6649, 57.0704

Triad

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



71.9620, 62.6649, 73.9484



55.5246, 62.6649, 41.2431



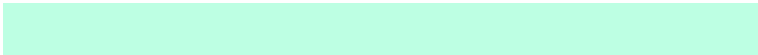
52.3747, 62.6649, 97.7468

Complementary

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



71.9620, 62.6649, 73.9484



70.6135, 87.8859, 85.9183

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.



49.1879, 62.6649, 80.7602



71.9620, 62.6649, 73.9484



50.9180, 62.6649, 48.9351

Square

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



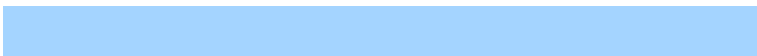
71.9620, 62.6649, 73.9484



61.5252, 62.6649, 40.0541



48.6736, 62.6649, 62.8170



57.6392, 62.6649, 107.2440

Rectangle

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



71.9620, 62.6649, 73.9484



68.9807, 62.6649, 48.5642



48.6736, 62.6649, 62.8170



51.0406, 62.6649, 92.5991

Sweetspot

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



71.9634, 62.6676, 73.9497



87.0500, 86.9343, 97.1871



67.7393, 59.8517, 102.5900



18.3291, 18.1150, 20.3503



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.



71.9634, 62.6676, 73.9497



68.3242, 56.9185, 68.0214



69.5857, 63.2539, 56.6891



18.3291, 18.1150, 20.3503



23.0389, 11.7048, 8.8552



2.2965, 1.1610, 1.1426

Inverse Universe

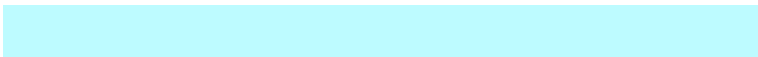
The Inverse Universe completely reimagines the original color for something new.



71.9634, 62.6676, 73.9497



68.3242, 56.9185, 68.0214



73.4102, 86.7845, 107.4897



18.3291, 18.1150, 20.3503



23.0389, 11.7048, 8.8552



2.2965, 1.1610, 1.1426

Previews

White Background



This preview shows how the XYZ color 71.9620, 62.6649, 73.9484 looks on a white background.

Color Contrast Check

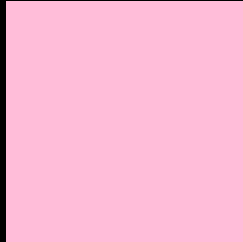
Large Text (above 18pt) WCAG AA × Fail

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 71.9620, 62.6649, 73.9484 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 71.9620, 62.6649, 73.9484

Background



This preview shows how black text looks on a background with the XYZ color 71.9620, 62.6649, 73.9484.



This preview shows how white text looks on a background with the XYZ color 71.9620, 62.6649,

73.9484.

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

71.9620, 62.6649, 73.9484

Protanopia

61.5285, 62.8659, 82.2902

Deuteranopia

64.2037, 62.6871, 73.0059



Tritanopia

70.6444, 62.7887, 66.7886

Trichromacy



Original Color

71.9620, 62.6649, 73.9484



Protanomaly

64.8493, 62.5377, 79.1741



Deuteranomaly

66.9530, 62.7232, 73.5437



Tritanomaly

70.9194, 62.5509, 69.3084

Monochromacy



Original Color

71.9620, 62.6649, 73.9484



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

65.7254, 64.5348, 72.6107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9620, 62.6649, 73.9484 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, 189, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 217)  
}
```

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, 189, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.9620, 62.6649, 73.9484 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, 189, 217) }
```


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

```
.border{ border-color:rgb(255, 189, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9620, 62.6649, 73.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 217) }
```

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

```
.background{ background-color: rgb(255,  
189, 217) }
```

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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