

Converting Colors

XYZ(103.7893, 80.1404,
74.5752)

Have a look what the booklet for
XYZ(103.7893, 80.1404, 74.5752)
contains.

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Color

**XYZ(72.3554, 63.8656,
72.8037)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0D7
RGB	255, 192, 215
RGB Percent	100%, 75%, 84%
CMY	0.0000, 0.2470, 0.1569
CMYK	0.00, 0.25, 0.16, 0.00
HSL	338°, 100%, 88%
HSV	338°, 25%, 100%
XYZ	72.3554, 63.8656, 72.8037
YIQ	213.4590, 30.1650, 20.5090

Conversions

Conversions Part 2

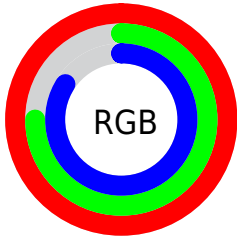
Format	Color
R _Y B	255, 192, 215
Decimal	16761047
CIE Lab	83.90, 25.96, -2.65
CIE LCh	84, 26.092, 354.161
Yxy	63.8656, 0.3462, 0.3055
Android (android.graphics.Color)	4294951127 (0xFFFFC0D7)
YUV	213.4590, 0.7597, 36.4315
Hunter-Lab	79.9160, 21.7598, 1.9278

Details

The XYZ color **72.3554, 63.8656, 72.8037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0660, 88.5537, 89.6419**, and the grayscale version is **63.5355, 66.8443, 72.7934**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **38.4596, 32.5853, 37.5203** is the 20% darker color. If you saturate the color by 10%, you get **65.2551, 52.8315, 60.6752**, and if you desaturate by 10%, it is **80.6346, 76.9275, 86.3427**.

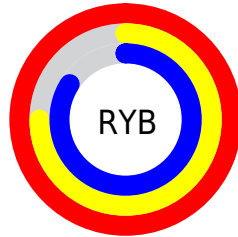
Distribution



Red (100%)

Green (75%)

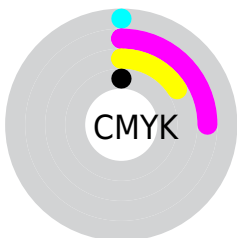
Blue (84%)



Red (100%)

Yellow (75%)

Blue (84%)

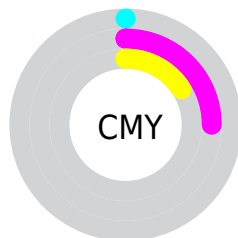


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3554, 63.8656, 72.8037 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 72.3554, 63.8656, 72.8037 by changing the saturation by 10% instead.


 72.3554, 63.8656,
72.8037

 72.3554, 63.8656,
72.8037

457.9161,
438.7041, 489.3867

 53.7355, 46.5418,
53.3246


 121.5698,
110.4174, 124.9168

 38.6201, 32.6736,
37.6725

152.8950,
140.4141, 158.3880

 26.6437, 21.8765,
25.4287


189.1860,
175.4040, 197.3602

 17.4410, 13.7662,
16.1748

230.8082,
215.7714, 242.2521

 10.6467, 7.9582,
9.4923

278.1270,
261.9008, 293.4821

 5.8953, 4.0682,
4.9625

331.5077,

 2.8216, 1.7118,

314.1764, 351.4689

2.1669

391.3156,
372.9827, 416.6309

■ 1.0601, 0.4313,
0.6552

■ 0.0000, 0.0000,
0.0000

■ 72.3554, 63.8656,
72.8037

■ 72.3554, 63.8656,
72.8037

■ 65.2551, 52.8315,
60.6752

■ 80.6346, 76.9275,
86.3427

■ 59.2733, 43.7146,
49.9053

■ 90.1403, 92.1040,
101.3339

■ 54.3508, 36.4061,
40.4444

95.0500, 100.0000,
108.9000

■ 50.4207, 30.7830,
32.2377

■ 47.4082, 26.7066,
25.2263

■ 45.2269, 24.0159,
19.3452

■ 43.7719, 22.5135,
14.5207

■ 43.2195, 22.0518,
12.3540

Harmonies

Analogous

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



70.0949, 63.8656, 89.7331



72.3554, 63.8656, 72.8037



71.3378, 63.8656, 57.3886

Triad

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



72.3554, 63.8656, 72.8037



56.2967, 63.8656, 44.5054



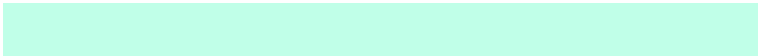
54.4677, 63.8656, 98.4344

Complementary

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



72.3554, 63.8656, 72.8037



72.0660, 88.5537, 89.6419

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.



51.1802, 63.8656, 83.2931



72.3554, 63.8656, 72.8037



52.1887, 63.8656, 52.6272

Square

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



72.3554, 63.8656, 72.8037



61.8319, 63.8656, 42.5989



50.3728, 63.8656, 66.3730



59.5866, 63.8656, 105.9552

Rectangle

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



72.3554, 63.8656, 72.8037



68.9680, 63.8656, 49.7630



50.3728, 63.8656, 66.3730



53.1250, 63.8656, 93.9622

Sweetspot

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



72.3569, 63.8683, 72.8050



87.8461, 88.4266, 97.7603



70.1480, 62.0614, 102.8896



18.6760, 18.7242, 20.7265



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.



72.3569, 63.8683, 72.8050



68.4524, 57.7771, 66.2080



71.5034, 66.5626, 58.9520



18.2834, 18.0967, 20.1097



22.6484, 11.5487, 6.7989



2.2555, 1.1446, 0.9270

Inverse Universe

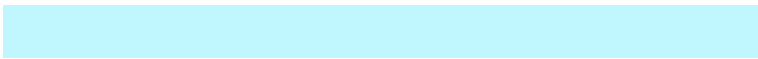
The Inverse Universe completely reimagines the original color for something new.



72.3569, 63.8683, 72.8050



68.4524, 57.7771, 66.2080



72.9286, 84.7049, 107.1137



18.2834, 18.0967, 20.1097



22.6484, 11.5487, 6.7989



2.2555, 1.1446, 0.9270

Previews

White Background



This preview shows how the XYZ color 72.3554, 63.8656, 72.8037 looks on a white background.

Color Contrast Check

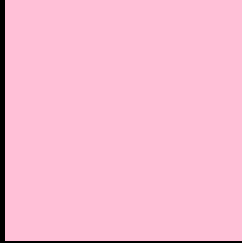
Large Text (above 18pt) WCAG AA × Fail

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 72.3554, 63.8656, 72.8037 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 72.3554, 63.8656, 72.8037

Background



This preview shows how black text looks on a background with the XYZ color 72.3554, 63.8656, 72.8037.



This preview shows how white text looks on a background with the XYZ color 72.3554, 63.8656,

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

72.3554, 63.8656, 72.8037

Protanopia

62.4410, 64.1033, 80.3163

Deuteranopia

65.3611, 64.0099, 71.8610



Tritanopia

71.3282, 63.7648, 68.2229

Trichromacy



Original Color

72.3554, 63.8656, 72.8037

Protanomaly

65.5357, 63.6303, 77.2344

Deuteranomaly

67.8209, 63.8790, 72.3737

Tritanomaly

71.7009, 63.9139, 70.1856

Monochromacy



Original Color

72.3554, 63.8656, 72.8037

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 72.3554, 63.8656, 72.8037 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, 192, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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(255, 192, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 215) }
```

Border

The CSS property to change the border of an element to XYZ 72.3554, 63.8656, 72.8037 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, 192, 215) }
```


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

```
.border{ border-color:rgb(255, 192, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3554, 63.8656, 72.8037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 215) }
```

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

```
.background{ background-color: rgb(255,  
192, 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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