

Converting Colors

XYZ(81.9727, 70.9422, 65.8305)

Have a look what the booklet for
XYZ(81.9727, 70.9422, 65.8305)
contains.

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Color

**XYZ(72.2136, 65.9600,
65.4254)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6CB
RGB	255, 198, 203
RGB Percent	100%, 78%, 80%
CMY	0.0000, 0.2235, 0.2039
CMYK	0.00, 0.22, 0.20, 0.00
HSL	355°, 100%, 89%
HSV	355°, 22%, 100%
XYZ	72.2136, 65.9600, 65.4254
YIQ	215.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

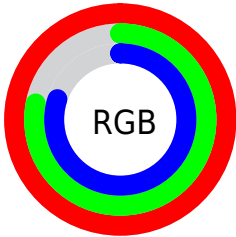
Format	Color
R _Y B	255, 198, 203
Decimal	16762571
CIE Lab	84.98, 21.00, 5.33
CIE LCh	85, 21.667, 14.234
Yxy	65.9600, 0.3547, 0.3240
Android (android.graphics.Color)	4294952651 (0xFFFFC6CB)
YUV	215.6130, -6.2182, 34.5424
Hunter-Lab	81.2158, 16.5870, 9.0885

Details

The XYZ color **72.2136, 65.9600, 65.4254** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3064, 90.4291, 103.8793**, and the grayscale version is **65.0340, 68.4208, 74.5102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4240, 33.9868, 32.9687** is the 20% darker color. If you saturate the color by 10%, you get **64.3004, 54.2427, 50.1202**, and if you desaturate by 10%, it is **81.5272, 79.8119, 83.2517**.

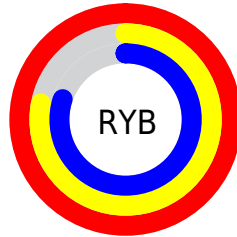
Distribution



Red (100%)

Green (78%)

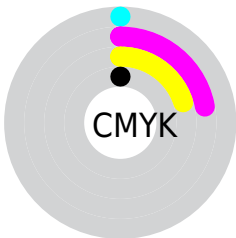
Blue (80%)



Red (100%)

Yellow (78%)

Blue (80%)

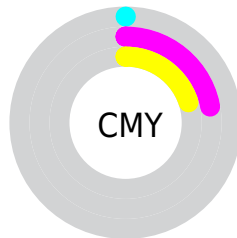


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2136, 65.9600, 65.4254 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 72.2136, 65.9600, 65.4254 by changing the saturation by 10% instead.


 72.2136, 65.9600,
65.4254

 72.2136, 65.9600,
65.4254


457.4308,
446.2338, 462.6671

 53.6193, 48.2399,
47.3526


121.3693,
113.4289, 114.2804

 38.5268, 34.0169,
32.9581


152.6614,
143.9466, 145.8996

 26.5709, 22.9066,
21.8235


188.9168,
179.4989, 182.8713

 17.3861, 14.5246,
13.5302

230.5009,
220.4702, 225.6141

 10.6072, 8.4864,
7.6596

277.7790,
267.2449, 274.5466

 5.8687, 4.4077,
3.7933

331.1164,

 2.8053, 1.9042,

320.2075, 330.0872

1.5127

390.8786,
379.7424, 392.6545

■ 1.0517, 0.5509,
0.2273

■ 0.0000, 0.0000,
0.0000

■ 72.2136, 65.9600,
65.4254

■ 72.2136, 65.9600,
65.4254

■ 64.3004, 54.2427,
50.1202

■ 81.5272, 79.8119,
83.2517

■ 57.7154, 44.5457,
37.2183

■ 92.2996, 95.8880,
103.7014

■ 52.3870, 36.7573,
26.5988

95.0500, 100.0000,
108.9000

■ 48.2347, 30.7514,
18.1284

■ 45.1690, 26.3868,
11.6600

■ 43.0874, 23.5007,
7.0282

■ 41.8670, 21.8973,
4.0405

■ 41.3882, 21.3193,
2.7105

Harmonies

Analogous

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



72.1425, 65.9600, 79.3541



72.2136, 65.9600, 65.4254



69.6437, 65.9600, 54.6902

Triad

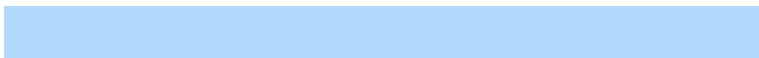
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2136, 65.9600, 65.4254



56.3856, 65.9600, 54.2687



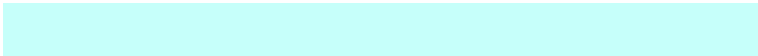
60.1833, 65.9600, 100.8400

Complementary

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



72.2136, 65.9600, 65.4254



76.3064, 90.4291, 103.8793

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.



56.2209, 65.9600, 92.1964



72.2136, 65.9600, 65.4254



54.1070, 65.9600, 64.7771

Square

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



72.2136, 65.9600, 65.4254



60.4188, 65.9600, 48.8368



54.0483, 65.9600, 78.6166



65.0236, 65.9600, 101.0728

Rectangle

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



72.2136, 65.9600, 65.4254



66.8518, 65.9600, 50.2756



54.0483, 65.9600, 78.6166



58.7104, 65.9600, 98.7763

Sweetspot

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



72.2152, 65.9629, 65.4268



87.1055, 88.1304, 93.8603



77.4197, 67.8061, 103.6152



18.5049, 18.6557, 19.8256



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.



72.2152, 65.9629, 65.4268



68.3654, 60.2550, 58.0034



77.2384, 76.9468, 64.2112



18.0740, 18.0129, 19.0068



21.6481, 11.1485, 1.5315



2.1287, 1.0939, 0.2594

Inverse Universe

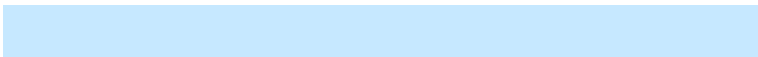
The Inverse Universe completely reimagines the original color for something new.



72.2152, 65.9629, 65.4268



68.3654, 60.2550, 58.0034



70.2540, 77.0539, 105.7779



18.0740, 18.0129, 19.0068



21.6481, 11.1485, 1.5315



2.1287, 1.0939, 0.2594

Previews

White Background



This preview shows how the XYZ color 72.2136, 65.9600, 65.4254 looks on a white background.

Color Contrast Check

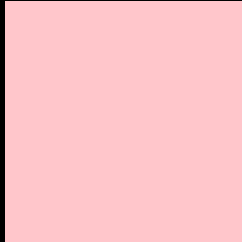
Large Text (above 18pt) WCAG AA × Fail

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 72.2136, 65.9600, 65.4254 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 72.2136, 65.9600, 65.4254

Background



This preview shows how black text looks on a background with the XYZ color 72.2136, 65.9600, 65.4254.



This preview shows how white text looks on a background with the XYZ color 72.2136, 65.9600,

65.4254.

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

72.2136, 65.9600, 65.4254

Protanopia

63.9166, 66.5418, 71.1031

Deuteranopia

67.4170, 65.9314, 65.0499



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

72.2136, 65.9600, 65.4254

Protanomaly

66.6530, 66.1686, 68.9333

Deuteranomaly

69.0894, 65.7384, 64.9245

Tritanomaly

72.7149, 65.7960, 69.1890

Monochromacy



Original Color

72.2136, 65.9600, 65.4254

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1915, 67.1271, 71.0435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2136, 65.9600, 65.4254 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, 198, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 203)  
}
```

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, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 203) }
```

Border

The CSS property to change the border of an element to XYZ 72.2136, 65.9600, 65.4254 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, 198, 203) }
```


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

```
.border{ border-color:rgb(255, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2136, 65.9600, 65.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 203) }
```

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

```
.background{ background-color: rgb(255,  
198, 203) }
```

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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