

Converting Colors

XYZ(73.0226, 65.2597, 72.8421)

Have a look what the booklet for
XYZ(73.0226, 65.2597, 72.8421)
contains.

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Color

**XYZ(73.0208, 65.1965,
73.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3D7
RGB	255, 195, 215
RGB Percent	100%, 76%, 84%
CMY	0.0000, 0.2353, 0.1569
CMYK	0.00, 0.24, 0.16, 0.00
HSL	340°, 100%, 88%
HSV	340°, 24%, 100%
XYZ	73.0208, 65.1965, 73.0255
YIQ	215.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

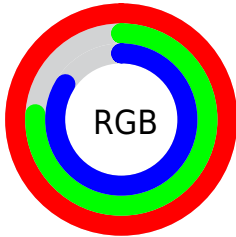
Format	Color
R _Y B	255, 195, 215
Decimal	16761815
CIE Lab	84.58, 24.38, -1.64
CIE LCh	85, 24.437, 356.143
Yxy	65.1965, 0.3457, 0.3086
Android (android.graphics.Color)	4294951895 (0xFFFFC3D7)
YUV	215.2200, -0.1085, 34.8871
Hunter-Lab	80.7443, 20.1231, 2.8989

Details

The XYZ color **73.0208, 65.1965, 73.0255** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2634, 89.1214, 91.9417**, and the grayscale version is **64.7285, 68.0994, 74.1603**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **39.1587, 33.5936, 37.6780** is the 20% darker color. If you saturate the color by 10%, you get **65.7154, 53.9019, 60.3666**, and if you desaturate by 10%, it is **81.5321, 78.5388, 87.2081**.

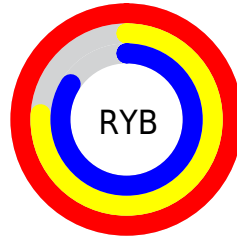
Distribution



Red (100%)

Green (76%)

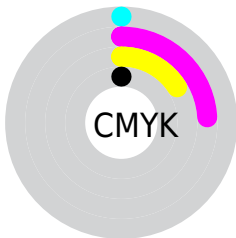
Blue (84%)



Red (100%)

Yellow (76%)

Blue (84%)

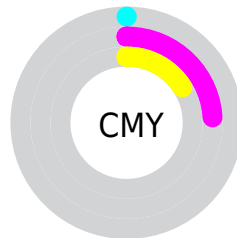


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0208, 65.1965, 73.0255 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 73.0208, 65.1965, 73.0255 by changing the saturation by 10% instead.


 73.0208, 65.1965,
73.0255

 73.0208, 65.1965,
73.0255


460.1896,
443.4978, 490.1763

 54.2814, 47.6204,
53.5049


 122.5097,
112.3323, 125.2347

 39.0583, 33.5264,
37.8155


153.9899,
142.6609, 158.7603

 26.9860, 22.5300,
25.5388


190.4478,
178.0090, 197.7913

 17.6992, 14.2469,
16.2563

232.2487,
218.7612, 242.7462

 10.8326, 8.2926,
9.5494

279.7580,
265.3017, 294.0437

 6.0209, 4.2827,
4.9995

333.3410,

 2.8986, 1.8329,

318.0151, 352.1022

2.1883

393.3631,
377.2856, 417.3402

■ 1.1003, 0.5076,
0.6676

■ 0.0254, 0.0000,
0.0000

■ 73.0208, 65.1965,
73.0255

■ 73.0208, 65.1965,
73.0255

■ 65.7154, 53.9019,
60.3666

■ 81.5321, 78.5388,
87.2081

■ 59.5546, 44.5445,
49.1745

■ 91.2971, 94.0151,
102.9604

■ 54.4788, 37.0167,
39.3944

95.0500, 100.0000,
108.9000

■ 50.4211, 31.1963,
30.9663

■ 47.3063, 26.9463,
23.8252

■ 45.0485, 24.1085,
17.9001

■ 43.5439, 22.4901,
13.1106

■ 42.8792, 21.9157,
10.5620

Harmonies

Analogous

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



71.0825, 65.1965, 89.0532



73.0208, 65.1965, 73.0255



71.8576, 65.1965, 58.5694

Triad

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



73.0208, 65.1965, 73.0255



57.4641, 65.1965, 47.3130



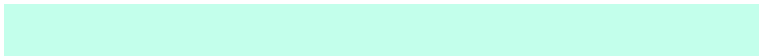
56.3111, 65.1965, 98.9382

Complementary

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



73.0208, 65.1965, 73.0255



73.2634, 89.1214, 91.9417

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.



53.0290, 65.1965, 85.0484



73.0208, 65.1965, 73.0255



53.6667, 65.1965, 55.5475

Square

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



73.0208, 65.1965, 73.0255



62.6748, 65.1965, 45.0591



52.0897, 65.1965, 68.9886



61.2652, 65.1965, 105.3356

Rectangle

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



73.0208, 65.1965, 73.0255



69.5145, 65.1965, 51.4734



52.0897, 65.1965, 68.9886



54.9872, 65.1965, 94.8998

Sweetspot

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



73.0224, 65.1993, 73.0268



87.7603, 88.3923, 97.3085



71.8281, 63.9155, 103.1589



18.6561, 18.7162, 20.6220



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.



73.0224, 65.1993, 73.0268



69.6086, 59.8994, 67.1790



72.9236, 68.8655, 61.0823



18.2591, 18.0869, 19.9813



22.4668, 11.4760, 5.8429



2.2358, 1.1367, 0.8231

Inverse Universe

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



73.0224, 65.1993, 73.0268



69.6086, 59.8994, 67.1790



73.2100, 84.1284, 106.9876



18.2591, 18.0869, 19.9813



22.4668, 11.4760, 5.8429



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 73.0208, 65.1965, 73.0255 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 73.0208, 65.1965, 73.0255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

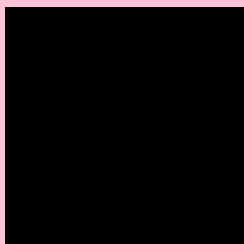
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0208, 65.1965, 73.0255

Background



This preview shows how black text looks on a background with the XYZ color 73.0208, 65.1965, 73.0255.



This preview shows how white text looks on a background with the XYZ color 73.0208, 65.1965,

73.0255.

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

73.0208, 65.1965, 73.0255

Protanopia

63.6525, 65.4721, 79.8035

Deuteranopia

66.7966, 65.4557, 72.0644



Tritanopia

72.3708, 65.2538, 70.4089

Trichromacy



Original Color

73.0208, 65.1965, 73.0255

Protanomaly

66.8774, 65.3771, 77.5008

Deuteranomaly

68.9594, 65.1536, 72.5597

Tritanomaly

72.4966, 65.3042, 71.0713

Monochromacy



Original Color

73.0208, 65.1965, 73.0255

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

67.4547, 66.8410, 73.6363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0208, 65.1965, 73.0255 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, 195, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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, 195, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 215) }
```

Border

The CSS property to change the border of an element to XYZ 73.0208, 65.1965, 73.0255 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, 195, 215) }
```


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

```
.border{ border-color:rgb(255, 195, 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, 195, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0208, 65.1965, 73.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 215) }
```

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

```
.background{ background-color: rgb(255,  
195, 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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