

Converting Colors

XYZ(66.2614, 49.7636, 73.8888)

Have a look what the booklet for
XYZ(66.2614, 49.7636, 73.8888)
contains.

XYZ(65.7139, 49.5385, 73.8085)	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(65.7139, 49.5385,
73.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9ADC
RGB	255, 154, 220
RGB Percent	100%, 60%, 86%
CMY	0.0000, 0.3961, 0.1373
CMYK	0.00, 0.40, 0.14, 0.00
HSL	321°, 100%, 80%
HSV	321°, 40%, 100%
XYZ	65.7139, 49.5385, 73.8085
YIQ	191.7230, 39.0100, 41.9380

Conversions

Conversions Part 2

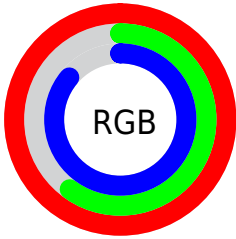
Format	Color
RYB	255, 154, 220
Decimal	16751324
CIELab	75.79, 46.50, -17.44
CIELCh	76, 49.660, 339.441
Yxy	49.5385, 0.3476, 0.2620
Android (android.graphics.Color)	4294941404 (0xFFFF9ADC)
YUV	191.7230, 13.9406, 55.4939
Hunter-Lab	70.3836, 43.4859, -12.9066

Details

The XYZ color **65.7139, 49.5385, 73.8085** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.2735, 82.0650, 60.9159**, and the grayscale version is **49.8481, 52.4440, 57.1115**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **34.3747, 23.7013, 38.3604** is the 20% darker color. If you saturate the color by 10%, you get **60.8038, 41.5421, 66.5495**, and if you desaturate by 10%, it is **71.5820, 59.3516, 81.6933**.

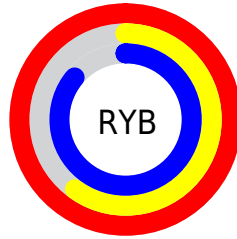
Distribution



Red (100%)

Green (60%)

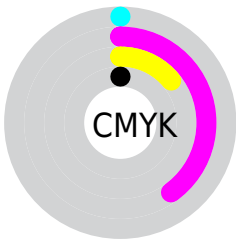
Blue (86%)



Red (100%)

Yellow (60%)

Blue (86%)

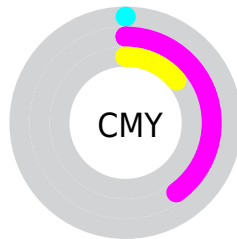


Cyan (0%)

Magenta (40%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7139, 49.5385, 73.8085 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 65.7139, 49.5385, 73.8085 by changing the saturation by 10% instead.


 65.7139, 49.5385,
73.8085


 65.7139, 49.5385,
73.8085


434.8578,
384.8584, 492.9579

 48.3070, 35.0468,
54.1415


 112.1356, 89.4907,
126.3558

 34.2824, 23.6990,
38.3208


 141.8812,
115.7201, 160.0732

 23.2745, 15.1105,
25.9280


176.4703,
146.6308, 199.3112

 14.9181, 8.8969,
16.5445

216.2685,
182.6072, 244.4882

 8.8479, 4.6740,
9.7518

261.6409,
224.0338, 296.0228

 4.6984, 2.0573,
5.1312

312.9531,

 2.1043, 0.6404,

271.2950, 354.3336

2.2644

370.5702,
324.7750, 419.8391

■ 0.6916, 0.0000,
0.7112

■ 0.0000, 0.0000,
0.0000

■ 65.7139, 49.5385,
73.8085

■ 65.7139, 49.5385,
73.8085

■ 60.8038, 41.5421,
66.5495

■ 71.5820, 59.3516,
81.6933

■ 56.7903, 35.2415,
59.8894

■ 78.4577, 71.0795,
90.2232

■ 53.6098, 30.5110,
53.8028

■ 86.3911, 84.8211,
99.4200

■ 51.1886, 27.2047,
48.2602

95.0500, 100.0000,
108.9000

■ 49.4390, 25.1487,
43.2274

■ 48.2240, 24.0711,
38.6536

■ 48.1809, 24.0364,
38.4804

Harmonies

Analogous

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



59.2710, 49.5385, 103.4264



65.7139, 49.5385, 73.8085



66.8305, 49.5385, 46.0309

Triad

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



65.7139, 49.5385, 73.8085



44.2359, 49.5385, 17.7536



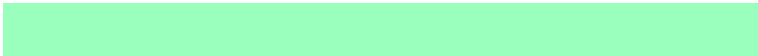
34.6763, 49.5385, 93.0569

Complementary

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



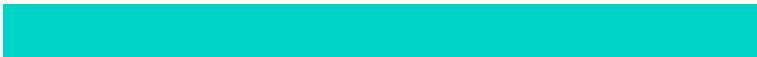
65.7139, 49.5385, 73.8085



58.2735, 82.0650, 60.9159

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.



31.6707, 49.5385, 62.7046



65.7139, 49.5385, 73.8085



36.6952, 49.5385, 23.4593

Square

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



65.7139, 49.5385, 73.8085



53.5898, 49.5385, 18.9953



32.3581, 49.5385, 37.9997



41.1288, 49.5385, 116.8224

Rectangle

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



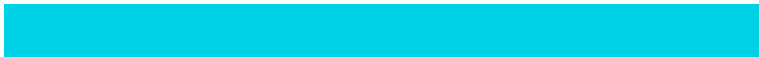
65.7139, 49.5385, 73.8085



64.2752, 49.5385, 32.6314



32.3581, 49.5385, 37.9997



33.2703, 49.5385, 82.9464

Sweetspot

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



65.7150, 49.5406, 73.8095



84.3926, 81.3423, 97.1559



50.2646, 40.9828, 99.8690



17.8358, 17.0152, 20.5345



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.



65.7150, 49.5406, 73.8095



61.5302, 42.7087, 67.6740



60.1319, 47.3074, 44.4093



18.5096, 18.1871, 21.3006



25.2487, 12.5888, 20.4921



2.5099, 1.2464, 2.2668

Inverse Universe

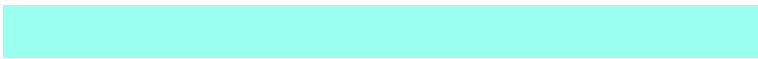
The Inverse Universe completely reimagines the original color for something new.



65.7150, 49.5406, 73.8095



61.5302, 42.7087, 67.6740



64.5449, 84.5735, 93.9406



18.5096, 18.1871, 21.3006



25.2487, 12.5888, 20.4921



2.5099, 1.2464, 2.2668

Previews

White Background



This preview shows how the XYZ color 65.7139, 49.5385, 73.8085 looks on a white background.

Color Contrast Check

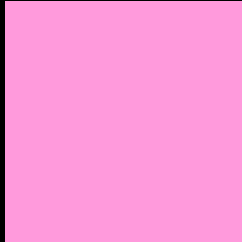
Large Text (above 18pt) WCAG AA × Fail

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 65.7139, 49.5385, 73.8085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

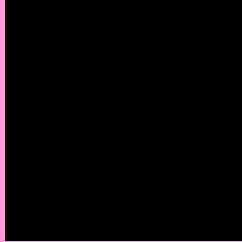
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7139, 49.5385, 73.8085

Background



This preview shows how black text looks on a background with the XYZ color 65.7139, 49.5385, 73.8085.



This preview shows how white text looks on a background with the XYZ color 65.7139, 49.5385,

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

65.7139, 49.5385, 73.8085

Protanopia

50.3892, 49.8794, 90.9763

Deuteranopia

50.7319, 49.5687, 71.1838



Tritanopia

60.2594, 49.6135, 46.9578

Trichromacy



Original Color

65.7139, 49.5385, 73.8085



Protanomaly

54.3445, 48.7692, 84.3910



Deuteranomaly

55.3012, 48.9619, 72.1815



Tritanomaly

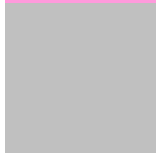
62.1197, 49.5986, 55.5896

Monochromacy



Original Color

65.7139, 49.5385, 73.8085



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.6054, 50.5521, 62.7566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7139, 49.5385, 73.8085 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, 154, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 220)  
}
```

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, 154, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.7139, 49.5385, 73.8085 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, 154, 220) }
```


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

```
.border{ border-color:rgb(255, 154, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7139, 49.5385, 73.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 220) }
```

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

```
.background{ background-color: rgb(255,  
154, 220) }
```

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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