

Converting Colors

XYZ(114.9357, 74.1600,
75.5019)

Have a look what the booklet for
XYZ(114.9357, 74.1600, 75.5019)
contains.

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Color

**XYZ(65.0928, 48.5077,
72.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97DB
RGB	255, 151, 219
RGB Percent	100%, 59%, 86%
CMY	0.0000, 0.4078, 0.1412
CMYK	0.00, 0.41, 0.14, 0.00
HSL	321°, 100%, 80%
HSV	321°, 41%, 100%
XYZ	65.0928, 48.5077, 72.9500
YIQ	189.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

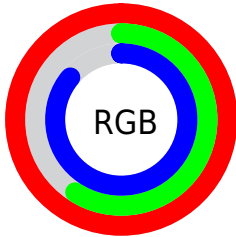
Format	Color
R_{YB}	255, 151, 219
Decimal	16750555
CIE _{Lab}	75.14, 47.86, -17.86
CIE _{LCh}	75, 51.087, 339.536
Yxy	48.5077, 0.3489, 0.2600
Android (android.graphics.Color)	4294940635 (0xFFFF97DB)
YUV	189.8480, 14.3719, 57.1383
Hunter-Lab	69.6475, 44.9437, -13.3482

Details

The XYZ color **65.0928, 48.5077, 72.9500** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.4939, 81.6880, 59.7539**, and the grayscale version is **48.7611, 51.3005, 55.8662**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **33.7405, 22.9655, 37.7764** is the 20% darker color. If you saturate the color by 10%, you get **60.2924, 40.7176, 65.7678**, and if you desaturate by 10%, it is **70.8445, 58.1015, 80.7546**.

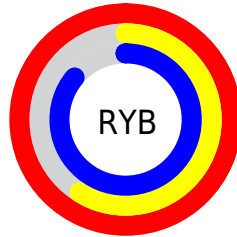
Distribution



Red (100%)

Green (59%)

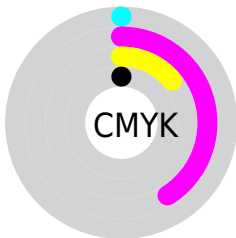
Blue (86%)



Red (100%)

Yellow (59%)

Blue (86%)

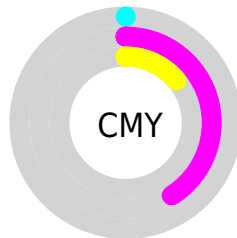


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0928, 48.5077, 72.9500 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 65.0928, 48.5077, 72.9500 by changing the saturation by 10% instead.


 65.0928, 48.5077,
72.9500


 65.0928, 48.5077,
72.9500


432.6653,
380.8010, 489.9076

 47.8013, 34.2291,
53.4435

 111.2482, 87.9598,
125.1265

 33.8802, 23.0697,
37.7668


 140.8429,
113.9022, 158.6336

 22.9640, 14.6450,
25.5013


175.2693,
144.5012, 197.6446

 14.6875, 8.5706,
16.2285

214.8928,
180.1414, 242.5781

 8.6852, 4.4622,
9.5299

260.0789,
221.2071, 293.8526

 4.5919, 1.9353,
4.9869

311.1927,

 2.0421, 0.5695,

268.0826, 351.8866

2.1810

368.5997,
321.1525, 417.0988

■ 0.6575, 0.0000,
0.6634

■ 0.0000, 0.0000,
0.0000

■ 65.0928, 48.5077,
72.9500

■ 65.0928, 48.5077,
72.9500

■ 60.2924, 40.7176,
65.7678

■ 70.8445, 58.1015,
80.7546

■ 56.3812, 34.6089,
59.1808

■ 77.5978, 69.5983,
89.2010

■ 53.2948, 30.0543,
53.1634

■ 85.4030, 83.0977,
98.3112

■ 50.9580, 26.9049,
47.6857

■ 94.3064, 98.6902,
108.1049

■ 49.2811, 24.9829,
42.7126

95.0500, 100.0000,
108.9000

■ 48.1899, 24.0400,
38.5276

Harmonies

Analogous

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



58.5286, 48.5077, 103.3360



65.0928, 48.5077, 72.9500



66.2148, 48.5077, 44.7339

Triad

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



65.0928, 48.5077, 72.9500



43.1890, 48.5077, 16.5631



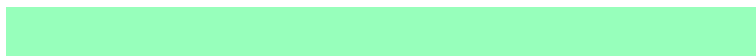
33.5784, 48.5077, 92.8612

Complementary

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



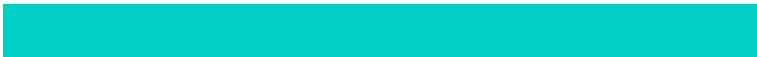
65.0928, 48.5077, 72.9500



57.4939, 81.6880, 59.7539

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.



30.5448, 48.5077, 61.8187



65.0928, 48.5077, 72.9500



35.5772, 48.5077, 22.2179

Square

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



65.0928, 48.5077, 72.9500



52.6835, 48.5077, 17.7628



31.2235, 48.5077, 36.7770



40.0985, 48.5077, 117.2691

Rectangle

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



65.0928, 48.5077, 72.9500



63.5912, 48.5077, 31.2750



31.2235, 48.5077, 36.7770



32.1600, 48.5077, 82.4978

Sweetspot

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



65.0939, 48.5098, 72.9510



84.3944, 81.3430, 97.1653



49.2875, 39.7532, 99.6831



17.8362, 17.0154, 20.5367



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.



65.0939, 48.5098, 72.9510



61.0810, 41.9793, 67.0033



59.4071, 46.2351, 43.0046



18.5099, 18.1873, 21.3022



25.2534, 12.5906, 20.5166



2.5104, 1.2465, 2.2690

Inverse Universe

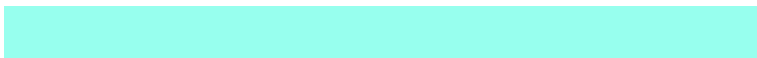
The Inverse Universe completely reimagines the original color for something new.



65.0939, 48.5098, 72.9510



61.0810, 41.9793, 67.0033



63.9075, 84.2534, 93.5275



18.5099, 18.1873, 21.3022



25.2534, 12.5906, 20.5166



2.5104, 1.2465, 2.2690

Previews

White Background



This preview shows how the XYZ color 65.0928, 48.5077, 72.9500 looks on a white background.

Color Contrast Check

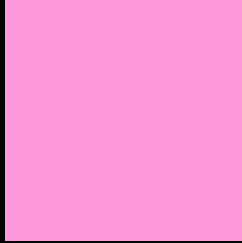
Large Text (above 18pt) WCAG AA × Fail

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 65.0928, 48.5077, 72.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

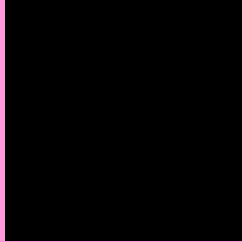
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0928, 48.5077, 72.9500

Background



This preview shows how black text looks on a background with the XYZ color 65.0928, 48.5077, 72.9500.



This preview shows how white text looks on a background with the XYZ color 65.0928, 48.5077,

72.9500.

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

65.0928, 48.5077, 72.9500

Protanopia

49.5381, 48.8238, 90.8174

Deuteranopia

49.8967, 48.8499, 70.4175



Tritanopia

59.4415, 48.4442, 45.2475

Trichromacy



Original Color

65.0928, 48.5077, 72.9500



Protanomaly

53.5016, 47.4838, 84.1874



Deuteranomaly

54.5010, 48.0035, 71.3588



Tritanomaly

61.3872, 48.4835, 54.2669

Monochromacy



Original Color

65.0928, 48.5077, 72.9500



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

53.7995, 49.5639, 61.9896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0928, 48.5077, 72.9500 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, 151, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 219)  
}
```

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, 151, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.0928, 48.5077, 72.9500 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, 151, 219) }
```


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

```
.border{ border-color:rgb(255, 151, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0928, 48.5077, 72.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 219) }
```

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

```
.background{ background-color: rgb(255,  
151, 219) }
```

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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