

# Converting Colors

XYZ(71.2532, 64.5205, 92.7026)

Have a look what the booklet for  
XYZ(71.2532, 64.5205, 92.7026)  
contains.

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# Color

**XYZ(71.2532, 64.5205,  
92.7026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC5F2
RGB	238, 197, 242
RGB Percent	93%, 77%, 95%
CMY	0.0667, 0.2274, 0.0510
CMYK	0.02, 0.19, 0.00, 0.05
HSL	295°, 63%, 86%
HSV	295°, 19%, 95%
XYZ	71.2532, 64.5205, 92.7026
YIQ	214.3890, 9.9910, 22.6870

# Conversions

## Conversions Part 2

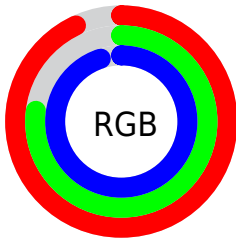
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 197, 242
Decimal	15648242
CIE Lab	84.24, 22.16, -16.74
CIE LCh	84, 27.770, 322.938
Yxy	64.5205, 0.3119, 0.2824
Android (android.graphics.Color)	4293838322 (0xFFEEC5F2)
YUV	214.3890, 13.6122, 20.7068
Hunter-Lab	80.3247, 17.7730, -12.1993

# Details

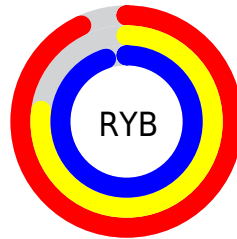
The XYZ color **71.2532, 64.5205, 92.7026** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.9198, 79.9546, 64.7850**, and the grayscale version is **64.0866, 67.4241, 73.4249**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.9768, 33.1352, 50.8485** is the 20% darker color. If you saturate the color by 10%, you get **65.4760, 54.0307, 90.9833**, and if you desaturate by 10%, it is **77.9250, 76.7844, 94.7191**.

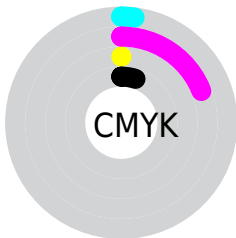
# Distribution



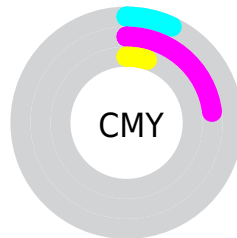
- Red (93%)
- Green (77%)
- Blue (95%)



- Red (93%)
- Yellow (77%)
- Blue (95%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (23%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2532, 64.5205, 92.7026 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 71.2532, 64.5205, 92.7026 by changing the saturation by 10% instead.



71.2532, 64.5205,  
92.7026

71.2532, 64.5205,  
92.7026

454.1361,  
441.0668, 557.5790

52.8321, 47.0724,  
69.6381

120.0107,  
111.3602, 153.0549

37.8957, 33.0929,  
50.7565

151.0779,  
141.5206, 191.1798

26.0786, 22.1976,  
35.6395

187.0912,  
176.6871, 235.1619

17.0154, 14.0022,  
23.8684

228.4159,  
217.2443, 285.4197

10.3409, 8.1222,  
15.0247

275.4174,  
263.5765, 342.3718

5.6895, 4.1732,  
8.6899

328.4610,

2.6961, 1.7709,

316.0680, 406.4366

4.4455

387.9121,  
375.1033, 478.0329

■ 0.9952, 0.4690,  
1.8728

■ 0.0000, 0.0000,  
0.4753

■ 71.2532, 64.5205,  
92.7026

■ 71.2532, 64.5205,  
92.7026

■ 65.4760, 54.0307,  
90.9833

■ 77.9250, 76.7844,  
94.7191

■ 60.5455, 45.2227,  
89.5431

■ 85.5248, 90.8925,  
97.0417

■ 56.4181, 38.0083,  
88.3681

■ 89.2534, 97.2454,  
98.0714

■ 53.0442, 32.2881,  
87.4418

■ 90.0061, 97.6334,  
98.1066

■ 50.3684, 27.9515,  
86.7458

■ 90.7675, 98.0259,  
98.1422

■ 48.3277, 24.8724,  
86.2590

■ 91.5376, 98.4230,  
98.1783

■ 46.8475, 22.9020,  
85.9567

■ 92.3166, 98.8246,  
98.2147

■ 45.8202, 21.8246,  
85.8029

■ 93.0272, 99.1909,  
98.2480

■ 45.6913, 21.7033,  
85.7863

# Harmonies

## Analogous

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



66.0498, 64.5205, 106.2829



71.2532, 64.5205, 92.7026



73.8246, 64.5205, 74.4983

# Triad

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



71.2532, 64.5205, 92.7026



62.7901, 64.5205, 41.7176



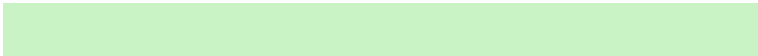
51.0667, 64.5205, 84.2943

# Complementary

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



71.2532, 64.5205, 92.7026



65.9198, 79.9546, 64.7850

# 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.



50.3222, 64.5205, 66.1699



71.2532, 64.5205, 92.7026



56.8307, 64.5205, 43.4514

# Square

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



71.2532, 64.5205, 92.7026



68.7311, 64.5205, 46.5446



52.3644, 64.5205, 51.7543



54.4706, 64.5205, 100.8896



# Rectangle

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



71.2532, 64.5205, 92.7026



73.5866, 64.5205, 62.9390



52.3644, 64.5205, 51.7543



50.5069, 64.5205, 78.1103

# Sweetspot

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



71.2552, 64.5233, 92.7040



89.8633, 90.3667, 107.3139



60.0591, 60.2911, 92.4772



19.1186, 19.1276, 22.9343



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.



71.2552, 64.5233, 92.7040



77.8796, 68.3474, 103.6954



70.0408, 64.1944, 79.2223



16.3076, 15.9558, 19.9419



24.6056, 11.6901, 46.0874



2.0872, 0.9933, 3.8359



# Inverse Universe

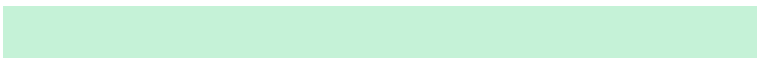
The Inverse Universe completely reimagines the original color for something new.



67.1290, 63.0297, 63.8892



72.5259, 66.4150, 66.0522



67.0461, 80.2825, 76.2548



15.8298, 15.7816, 16.6602



19.7674, 10.1794, 1.4258



1.6638, 0.8546, 0.2204



# Previews

## White Background



This preview shows how the XYZ color 71.2532, 64.5205, 92.7026 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

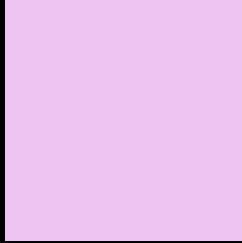
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.2532, 64.5205, 92.7026 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 71.2532, 64.5205, 92.7026**

## **Background**



This preview shows how black text looks on a background with the XYZ color 71.2532, 64.5205, 92.7026.



This preview shows how white text looks on a background with the XYZ color 71.2532, 64.5205,



# 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

71.2532, 64.5205, 92.7026

### Protanopia

64.4129, 65.0596, 99.6053

### Deuteranopia

66.1748, 64.7056, 91.4397



## Tritanopia

67.3427, 64.2755, 74.5027

# Trichromacy



## Original Color

71.2532, 64.5205, 92.7026

## Protanomaly

66.6442, 64.8251, 96.9957

## Deuteranomaly

68.0491, 64.5995, 92.1015

## Tritanomaly

68.6427, 64.4617, 80.7760

# Monochromacy



## Original Color

71.2532, 64.5205, 92.7026

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

66.4418, 66.1815, 79.7935

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.2532, 64.5205, 92.7026 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(238, 197, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 197, 242)  
}
```

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(238, 197, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 197, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 71.2532, 64.5205, 92.7026 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(238, 197, 242) }
```



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

```
.border{ border-color:rgb(238, 197, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 197, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 197, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 197, 242); box-shadow:4px 4px 4px 4px rgb(238, 197, 242) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.2532, 64.5205, 92.7026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 197, 242) }
```

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

```
.background{ background-color: rgb(238,  
197, 242) }
```

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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