

Converting Colors

XYZ(70.0044, 62.1629, 92.1641)

Have a look what the booklet for
XYZ(70.0044, 62.1629, 92.1641)
contains.

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Color

**XYZ(70.1365, 62.2872,
92.3304)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC0F2
RGB	238, 192, 242
RGB Percent	93%, 75%, 95%
CMY	0.0667, 0.2470, 0.0510
CMYK	0.02, 0.21, 0.00, 0.05
HSL	295°, 66%, 85%
HSV	295°, 21%, 95%
XYZ	70.1365, 62.2872, 92.3304
YIQ	211.4540, 11.3660, 25.3020

Conversions

Conversions Part 2

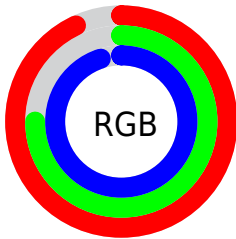
Format	Color
R _Y B	238, 192, 242
Decimal	15646962
CIE Lab	83.07, 24.82, -18.50
CIE LCh	83, 30.955, 323.299
Yxy	62.2872, 0.3121, 0.2771
Android (android.graphics.Color)	4293837042 (0xFFEEC0F2)
YUV	211.4540, 15.0592, 23.2808
Hunter-Lab	78.9222, 20.5152, -14.1173

Details

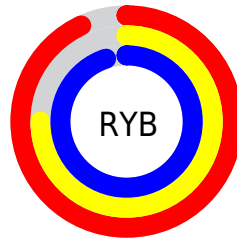
The XYZ color **70.1365, 62.2872, 92.3304** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.0337, 79.0474, 61.7550**, and the grayscale version is **62.1169, 65.3518, 71.1681**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **37.2428, 31.6672, 50.6038** is the 20% darker color. If you saturate the color by 10%, you get **64.6077, 52.1884, 90.6734**, and if you desaturate by 10%, it is **76.5497, 74.1423, 94.2816**.

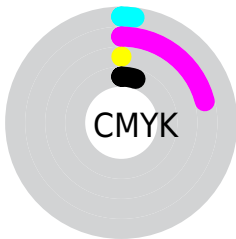
Distribution



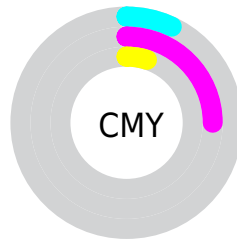
- Red (93%)
- Green (75%)
- Blue (95%)



- Red (93%)
- Yellow (75%)
- Blue (95%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1365, 62.2872, 92.3304 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 70.1365, 62.2872, 92.3304 by changing the saturation by 10% instead.


 70.1365, 62.2872,
92.3304

 70.1365, 62.2872,
92.3304


450.2881,
432.9779, 556.3473

 51.9178, 45.2648,
69.3305


 118.4286,
108.1405, 152.5349

 37.1636, 31.6661,
50.5075

149.2327,
137.7402, 190.5766

 25.5084, 21.1066,
35.4428


184.9627,
172.3011, 234.4693

 16.5870, 13.2019,
23.7179


225.9839,
212.2077, 284.6316

 10.0339, 7.5677,
14.9142

272.6617,
257.8442, 341.4820

 5.4839, 3.8196,
8.6133

325.3614,

 2.5715, 1.5732,

309.5952, 405.4391

4.3964

384.4484,
367.8450, 476.9213

■ 0.9315, 0.3394,
1.8453

■ 0.0000, 0.0000,
0.4576

■ 70.1365, 62.2872,
92.3304

■ 70.1365, 62.2872,
92.3304

■ 64.6077, 52.1884,
90.6734

■ 76.5497, 74.1423,
94.2816

■ 59.9150, 43.7523,
89.2925

■ 83.8813, 87.8250,
96.5362

■ 56.0139, 36.8894,
88.1734

■ 89.0293, 97.1299,
98.0609

■ 52.8538, 31.4979,
87.2993

■ 89.7040, 97.4777,
98.0925

50.3778, 27.4646,
86.6513

90.3857, 97.8291,
98.1244

48.5210, 24.6595,
86.2077

91.0745, 98.1842,
98.1566

47.2058, 22.9273,
85.9427

91.7705, 98.5430,
98.1892

46.3482, 22.0420,
85.8170

92.4736, 98.9055,
98.2221

93.0272, 99.1909,
98.2480

Harmonies

Analogous

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



64.4419, 62.2872, 107.6367



70.1365, 62.2872, 92.3304



72.9320, 62.2872, 72.2147

Triad

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



70.1365, 62.2872, 92.3304



60.7173, 62.2872, 37.3948



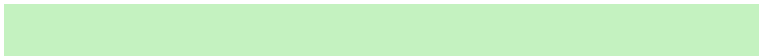
48.1467, 62.2872, 83.4749

Complementary

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



70.1365, 62.2872, 92.3304



64.0337, 79.0474, 61.7550

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.



47.3135, 62.2872, 63.6076



70.1365, 62.2872, 92.3304



54.2543, 62.2872, 39.2780

Square

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



70.1365, 62.2872, 92.3304



67.2350, 62.2872, 42.3442



49.4677, 62.2872, 48.0837



51.8359, 62.2872, 101.8876

Rectangle

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



70.1365, 62.2872, 92.3304



72.6367, 62.2872, 59.6870



49.4677, 62.2872, 48.0837



47.5354, 62.2872, 76.6606

Sweetspot

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



70.1384, 62.2899, 92.3317



89.9130, 90.3923, 107.3163



57.5454, 57.1754, 92.0083



19.1304, 19.1337, 22.9348



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.



70.1384, 62.2899, 92.3317



76.1239, 64.8963, 103.1218



68.5429, 61.8086, 76.8428



16.3222, 15.9633, 19.9426



24.9532, 11.8693, 46.1037



2.1125, 1.0063, 3.8371

Inverse Universe

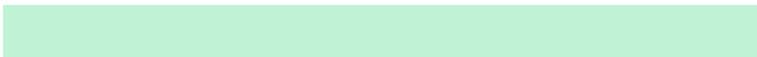
The Inverse Universe completely reimagines the original color for something new.



65.4335, 60.5648, 60.4689



69.9291, 62.6322, 60.8372



65.4816, 79.5079, 74.7376



15.8241, 15.7794, 16.6300



19.7555, 10.1746, 1.3630



1.6611, 0.8535, 0.2061

Previews

White Background



This preview shows how the XYZ color 70.1365, 62.2872, 92.3304 looks on a white background.

Color Contrast Check

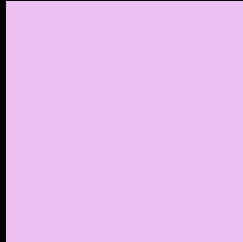
Large Text (above 18pt) WCAG AA × Fail

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 70.1365, 62.2872, 92.3304 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 70.1365, 62.2872, 92.3304

Background



This preview shows how black text looks on a background with the XYZ color 70.1365, 62.2872, 92.3304.



This preview shows how white text looks on a background with the XYZ color 70.1365, 62.2872,

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

70.1365, 62.2872, 92.3304

Protanopia

62.2699, 62.4980, 100.0481

Deuteranopia

63.7127, 62.3812, 91.1208



Tritanopia

65.9082, 62.2290, 71.4885

Trichromacy



Original Color

70.1365, 62.2872, 92.3304



Protanomaly

64.7489, 62.0829, 97.3775



Deuteranomaly

65.8901, 62.1112, 91.7350



Tritanomaly

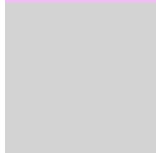
67.2306, 62.0742, 78.9591

Monochromacy



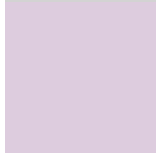
Original Color

70.1365, 62.2872, 92.3304



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.5965, 63.8318, 78.0234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1365, 62.2872, 92.3304 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, 192, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 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, 192, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.1365, 62.2872, 92.3304 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, 192, 242) }
```


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

```
.border{ border-color:rgb(238, 192, 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, 192, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 192, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 192, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 192,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1365, 62.2872, 92.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 242) }
```

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

```
.background{ background-color: rgb(238,  
192, 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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