

Converting Colors

XYZ(69.4044, 62.6159, 90.2466)

Have a look what the booklet for
XYZ(69.4044, 62.6159, 90.2466)
contains.

XYZ(69.4638, 62.6484, 90.0926)	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(69.4638, 62.6484,
90.0926)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC2EF
RGB	236, 194, 239
RGB Percent	93%, 76%, 94%
CMY	0.0745, 0.2392, 0.0627
CMYK	0.01, 0.19, 0.00, 0.06
HSL	296°, 58%, 85%
HSV	296°, 19%, 94%
XYZ	69.4638, 62.6484, 90.0926
YIQ	211.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

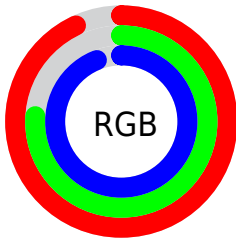
Format	Color
R _Y B	236, 194, 239
Decimal	15516399
CIE Lab	83.26, 22.55, -16.63
CIE LCh	83, 28.014, 323.589
Yxy	62.6484, 0.3126, 0.2819
Android (android.graphics.Color)	4293706479 (0xFFECC2EF)
YUV	211.6880, 13.4648, 21.3216
Hunter-Lab	79.1507, 18.1403, -12.0808

Details

The XYZ color **69.4638, 62.6484, 90.0926** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.6323, 77.5000, 62.6473**, and the grayscale version is **62.2824, 65.5259, 71.3577**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **36.7477, 31.8784, 49.0161** is the 20% darker color. If you saturate the color by 10%, you get **64.0405, 52.5826, 88.4365**, and if you desaturate by 10%, it is **75.7511, 74.4329, 92.0368**.

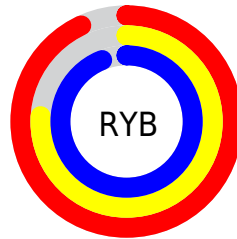
Distribution



Red (93%)

Green (76%)

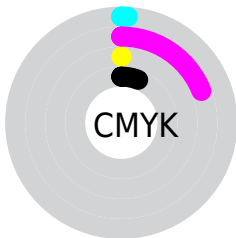
Blue (94%)



Red (93%)

Yellow (76%)

Blue (94%)

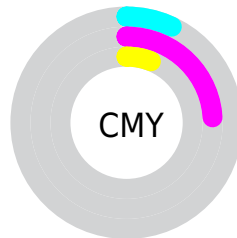


Cyan (1%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (24%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4638, 62.6484, 90.0926 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 69.4638, 62.6484, 90.0926 by changing the saturation by 10% instead.

69.4638, 62.6484,
90.0926

69.4638, 62.6484,
90.0926

447.9609,
434.2923, 548.9099

51.3675, 45.5568,
67.4833

117.4742,
108.6621, 149.4037

36.7234, 31.8962,
49.0134

148.1191,
138.3530, 186.9425

25.1661, 21.2823,
34.2645

183.6775,
173.0125, 230.2949

16.3302, 13.3305,
22.8178

224.5149,
213.0250, 279.8795

9.8505, 7.6565,
14.2550

270.9966,
258.7748, 336.1147

5.3614, 3.8760,
8.1575

323.4879,

2.4978, 1.6044,

310.6463, 399.4192

4.1067

382.3542,
369.0241, 470.2114

■ 0.8941, 0.3606,
1.6840

■ 0.0000, 0.0000,
0.3498

■ 69.4638, 62.6484,
90.0926

■ 69.4638, 62.6484,
90.0926

■ 64.0405, 52.5826,
88.4365

■ 75.7511, 74.4329,
92.0368

■ 59.4345, 44.1456,
87.0507

■ 82.9346, 88.0041,
94.2777

■ 55.6037, 37.2519,
85.9220

■ 87.5413, 96.4144,
95.6582

■ 52.4997, 31.8049,
85.0342

■ 88.0869, 96.6957,
95.6838

50.0687, 27.6969,
84.3694

88.6374, 96.9795,
95.7095

48.2494, 24.8055,
83.9072

89.1926, 97.2657,
95.7355

46.9693, 22.9856,
83.6234

89.7526, 97.5544,
95.7617

46.1206, 22.0214,
83.4820

90.3174, 97.8456,
95.7882

46.0325, 21.9308,
83.4692

90.8871, 98.1392,
95.8148

Harmonies

Analogous

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



64.3500, 62.6484, 103.7498



69.4638, 62.6484, 90.0926



71.9422, 62.6484, 72.0228

Triad

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



69.4638, 62.6484, 90.0926



60.8611, 62.6484, 40.0452



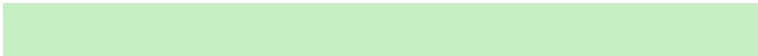
49.4562, 62.6484, 82.5165

Complementary

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



69.4638, 62.6484, 90.0926



63.6323, 77.5000, 62.6473

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.



48.6614, 62.6484, 64.5409



69.4638, 62.6484, 90.0926



54.9861, 62.6484, 41.8885

Square

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



69.4638, 62.6484, 90.0926



66.7618, 62.6484, 44.6494



50.6192, 62.6484, 50.1986



52.8687, 62.6484, 98.8810

Rectangle

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



69.4638, 62.6484, 90.0926



71.6541, 62.6484, 60.6414



50.6192, 62.6484, 50.1986



48.8841, 62.6484, 76.3910

Sweetspot

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



69.4657, 62.6511, 90.0940



89.9876, 90.4307, 107.3198



57.9678, 57.9783, 89.7980



19.1481, 19.1428, 22.9357



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.



69.4657, 62.6511, 90.0940



77.6851, 67.3839, 103.5197



67.8418, 62.1176, 76.3002



16.3442, 15.9746, 19.9436



25.4829, 12.1423, 46.1285



2.1510, 1.0262, 3.8389

Inverse Universe

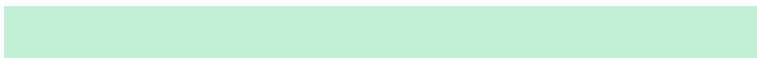
The Inverse Universe completely reimagines the original color for something new.



64.9686, 60.9683, 61.1702



71.5147, 65.0802, 63.5956



65.0953, 77.9954, 74.4107



15.8155, 15.7759, 16.5848



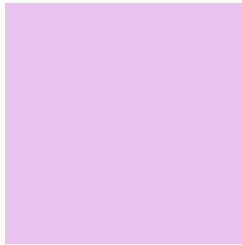
19.7393, 10.1682, 1.2778



1.6570, 0.8518, 0.1845

Previews

White Background



This preview shows how the XYZ color 69.4638, 62.6484, 90.0926 looks on a white background.

Color Contrast Check

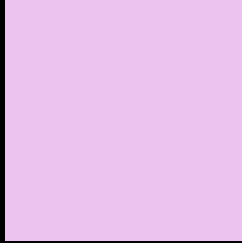
Large Text (above 18pt) WCAG AA × Fail

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 69.4638, 62.6484, 90.0926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

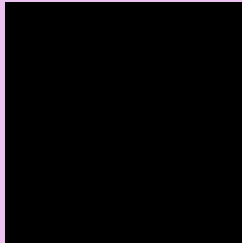
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4638, 62.6484, 90.0926

Background



This preview shows how black text looks on a background with the XYZ color 69.4638, 62.6484, 90.0926.



This preview shows how white text looks on a background with the XYZ color 69.4638, 62.6484,

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

69.4638, 62.6484, 90.0926

Protanopia

62.4130, 63.0001, 96.8664

Deuteranopia

64.1381, 62.6516, 88.8333



Tritanopia

65.6104, 62.3990, 72.2045

Trichromacy



Original Color

69.4638, 62.6484, 90.0926

Protanomaly

64.6010, 62.7698, 94.2989

Deuteranomaly

65.9802, 62.5495, 89.4846

Tritanomaly

66.8898, 62.5839, 78.3665

Monochromacy



Original Color

69.4638, 62.6484, 90.0926

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.8349, 64.3087, 78.1029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4638, 62.6484, 90.0926 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(236, 194, 239)` looks like.

```
.text, #text, p{  
    color:rgb(236, 194, 239)  
}
```

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(236, 194, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 194, 239) }
```

Border

The CSS property to change the border of an element to XYZ 69.4638, 62.6484, 90.0926 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(236, 194, 239) }
```


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

```
.border{ border-color:rgb(236, 194, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 194, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 194, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 194, 239);  
box-shadow:4px 4px 4px 4px rgb(236, 194,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4638, 62.6484, 90.0926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 194, 239) }
```

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

```
.background{ background-color: rgb(236,  
194, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor