

Converting Colors

XYZ(71.0775, 61.2060, 93.1323)

Have a look what the booklet for
XYZ(71.0775, 61.2060, 93.1323)
contains.

XYZ(70.9101, 61.0664, 92.8436)	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(70.9101, 61.0664,
92.8436)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BBF3
RGB	243, 187, 243
RGB Percent	95%, 73%, 95%
CMY	0.0471, 0.2666, 0.0471
CMYK	0.00, 0.23, 0.00, 0.05
HSL	300°, 70%, 84%
HSV	300°, 23%, 95%
XYZ	70.9101, 61.0664, 92.8436
YIQ	210.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

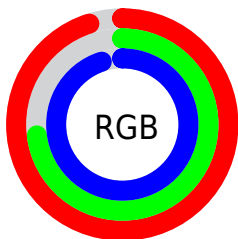
Format	Color
R _Y B	243, 187, 243
Decimal	15973363
CIE Lab	82.41, 29.28, -19.97
CIE LCh	82, 35.445, 325.702
Yxy	61.0664, 0.3154, 0.2716
Android (android.graphics.Color)	4294163443 (0xFFF3BBF3)
YUV	210.1280, 16.2059, 28.8287
Hunter-Lab	78.1450, 25.2202, -15.7406

Details

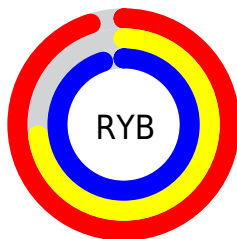
The XYZ color **70.9101, 61.0664, 92.8436** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.5162, 78.2557, 58.8796**, and the grayscale version is **61.2340, 64.4230, 70.1566**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **37.6069, 30.8020, 50.9770** is the 20% darker color. If you saturate the color by 10%, you get **66.1854, 51.6159, 91.2692**, and if you desaturate by 10%, it is **76.5108, 72.2666, 94.7113**.

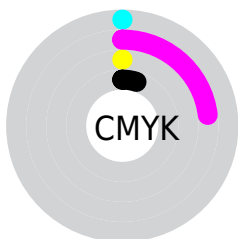
Distribution



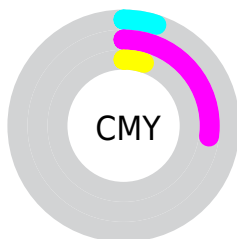
- Red (95%)
- Green (73%)
- Blue (95%)



- Red (95%)
- Yellow (73%)
- Blue (95%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9101, 61.0664, 92.8436 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 70.9101, 61.0664, 92.8436 by changing the saturation by 10% instead.


 70.9101, 61.0664,
92.8436

 70.9101, 61.0664,
92.8436


452.9558,
428.5174, 558.0452

 52.5511, 44.2788,
69.7546


 119.5249,
106.3751, 153.2519

 37.6706, 30.8897,
50.8509

150.5115,
135.6649, 191.4082

 25.9032, 20.5149,
35.7141


186.4379,
169.8909, 235.4241

 16.8835, 12.7699,
23.9255

227.6696,
209.4375, 285.7180

 10.2463, 7.2703,
15.0667

274.5718,
254.6890, 342.7086

 5.6261, 3.6317,
8.7191

327.5101,

 2.6575, 1.4697,

306.0299, 406.8143

4.4641

386.8496,
363.8446, 478.4536

■ 0.9754, 0.2673,
1.8832

■ 0.0000, 0.0000,
0.4820

■ 70.9101, 61.0664,
92.8436

■ 70.9101, 61.0664,
92.8436

■ 66.1854, 51.6159,
91.2692

■ 76.5108, 72.2666,
94.7113

■ 62.2872, 43.8195,
89.9697


■ 83.0226, 85.2903,
96.8821


■ 59.1696, 37.5844,
88.9304


■ 88.9006, 97.0461,
98.8415


■ 56.7801, 32.8055,
88.1337


■ 88.9006, 97.0461,
98.8417


 55.0598, 29.3648,
87.5602


 88.9006, 97.0461,
98.8418


 53.9404, 27.1261,
87.1869

 88.9006, 97.0461,
98.8419

 53.3393, 25.9239,
86.9864

 88.9007, 97.0462,
98.8421

 53.1403, 25.5260,
86.9200

 88.9007, 97.0462,
98.8422

 88.9007, 97.0462,
98.8424

Harmonies

Analogous

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



64.5831, 61.0664, 111.5476



70.9101, 61.0664, 92.8436



73.7928, 61.0664, 69.6631

Triad

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



70.9101, 61.0664, 92.8436



59.1391, 61.0664, 32.9939



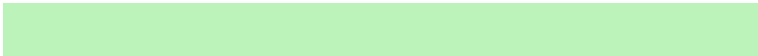
45.8941, 61.0664, 86.2486

Complementary

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



70.9101, 61.0664, 92.8436



61.5162, 78.2557, 58.8796

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.



44.7085, 61.0664, 63.4166



70.9101, 61.0664, 92.8436



51.9578, 61.0664, 35.5686

Square

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



70.9101, 61.0664, 92.8436



66.6325, 61.0664, 37.6665



46.8328, 61.0664, 45.6661



50.2231, 61.0664, 107.1961

Rectangle

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



70.9101, 61.0664, 92.8436



73.2052, 61.0664, 55.8397



46.8328, 61.0664, 45.6661



45.1317, 61.0664, 78.4172

Sweetspot

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



70.9120, 61.0691, 92.8449



89.6176, 89.1353, 107.0891



54.4442, 52.5796, 92.0746



19.0868, 18.8885, 22.8898



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.



70.9120, 61.0691, 92.8449



76.3474, 62.5950, 102.6654



67.0003, 59.5044, 72.2465



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Inverse Universe

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



70.9120, 61.0691, 92.8449



76.3474, 62.5950, 102.6654



64.8121, 79.5740, 76.2357



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 70.9101, 61.0664, 92.8436 looks on a white background.

Color Contrast Check

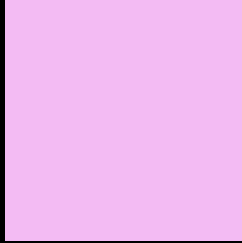
Large Text (above 18pt) WCAG AA × Fail

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 70.9101, 61.0664, 92.8436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

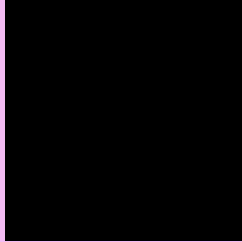
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9101, 61.0664, 92.8436

Background



This preview shows how black text looks on a background with the XYZ color 70.9101, 61.0664, 92.8436.



This preview shows how white text looks on a background with the XYZ color 70.9101, 61.0664,

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

70.9101, 61.0664, 92.8436

Protanopia

61.2376, 61.2051, 102.3521

Deuteranopia

62.3949, 61.0097, 90.9256



Tritanopia

65.7150, 60.8711, 67.9603

Trichromacy



Original Color

70.9101, 61.0664, 92.8436



Protanomaly

64.0855, 60.6835, 98.7779



Deuteranomaly

65.2111, 60.7532, 91.5086



Tritanomaly

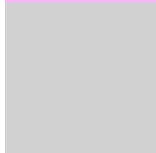
67.6171, 61.0073, 76.6184

Monochromacy



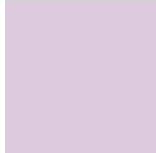
Original Color

70.9101, 61.0664, 92.8436



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.4295, 63.0446, 77.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9101, 61.0664, 92.8436 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(243, 187, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 187, 243)  
}
```

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(243, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 187, 243) }
```

Border

The CSS property to change the border of an element to XYZ 70.9101, 61.0664, 92.8436 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(243, 187, 243) }
```


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

```
.border{ border-color:rgb(243, 187, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 187, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 187, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 187, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 187,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9101, 61.0664, 92.8436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 187, 243) }
```

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

```
.background{ background-color: rgb(243,  
187, 243) }
```

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