

Converting Colors

XYZ(69.2758, 54.2794, 82.4388)

Have a look what the booklet for
XYZ(69.2758, 54.2794, 82.4388)
contains.

XYZ(69.3000, 54.3020, 82.4301)	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(69.3000, 54.3020,
82.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6E7
RGB	255, 166, 231
RGB Percent	100%, 65%, 91%
CMY	0.0000, 0.3490, 0.0941
CMYK	0.00, 0.35, 0.09, 0.00
HSL	316°, 100%, 83%
HSV	316°, 35%, 100%
XYZ	69.3000, 54.3020, 82.4301
YIQ	200.0210, 32.1790, 39.0830

Conversions

Conversions Part 2

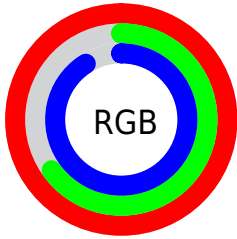
Format	Color
R_{YB}	255, 166, 231
Decimal	16754407
CIE _{Lab}	78.64, 42.10, -19.11
CIE _{LCh}	79, 46.238, 335.585
Yxy	54.3020, 0.3364, 0.2636
Android (android.graphics.Color)	4294944487 (0xFFFFA6E7)
YUV	200.0210, 15.2726, 48.2166
Hunter-Lab	73.6899, 38.9090, -14.7393

Details

The XYZ color **69.3000, 54.3020, 82.4301** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.7820, 83.3456, 61.6020**, and the grayscale version is **54.8091, 57.6634, 62.7954**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **36.5580, 26.5538, 43.7560** is the 20% darker color. If you saturate the color by 10%, you get **64.1636, 45.5530, 76.0203**, and if you desaturate by 10%, it is **75.3960, 64.9086, 89.3495**.

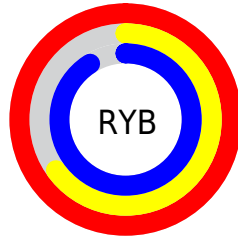
Distribution



Red (100%)

Green (65%)

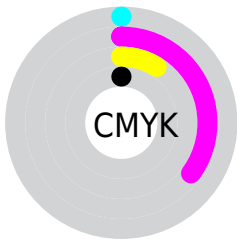
Blue (91%)



Red (100%)

Yellow (65%)

Blue (91%)

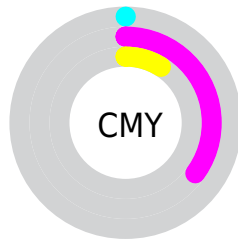


Cyan (0%)

Magenta (35%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3000, 54.3020, 82.4301 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 69.3000, 54.3020, 82.4301 by changing the saturation by 10% instead.


 69.3000, 54.3020,
82.4301

 69.3000, 54.3020,
82.4301


447.3932,
403.2606, 523.0064

 51.2336, 38.8432,
61.1822


 117.2417, 96.5175,
138.6191

 36.6163, 26.6377,
43.9407


 147.8477,
124.0430, 174.3973

 25.0829, 17.3013,
30.2871


183.3643,
156.3595, 215.8560

 16.2679, 10.4496,
19.8027

224.1568,
193.8513, 263.4138

 9.8060, 5.6980,
12.0690

270.5905,
236.9030, 317.4892

 5.3318, 2.6624,
6.6676

323.0310,

 2.4800, 0.9581,

285.8988, 378.5007

3.1798

381.8434,
341.2232, 446.8669

■ 0.8852, 0.0000,
1.1872

■ 0.0000, 0.0000,
0.0000

■ 69.3000, 54.3020,
82.4301

■ 69.3000, 54.3020,
82.4301

■ 64.1636, 45.5530,
76.0203

■ 75.3960, 64.9086,
89.3495

■ 59.9281, 38.5455,
70.0962

■ 82.4984, 77.4665,
96.7940

■ 56.5338, 33.1610,
64.6365

■ 90.6552, 92.0709,
104.7824

■ 53.9123, 29.2629,
59.6162

95.0500, 100.0000,
108.9000

■ 51.9837, 26.6925,
55.0064

■ 50.6500, 25.2544,
50.7721

■ 50.1278, 24.8151,
48.7326

Harmonies

Analogous

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



62.5139, 54.3020, 110.1468



69.3000, 54.3020, 82.4301



71.1245, 54.3020, 54.3672

Triad

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



69.3000, 54.3020, 82.4301



49.9230, 54.3020, 21.8825



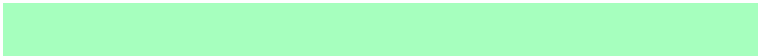
38.6146, 54.3020, 93.4634

Complementary

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



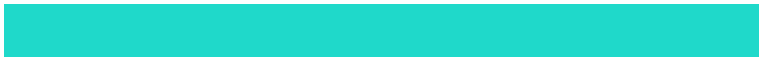
69.3000, 54.3020, 82.4301



60.7820, 83.3456, 61.6020

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.



36.0414, 54.3020, 64.1540



69.3000, 54.3020, 82.4301



42.0582, 54.3020, 26.9451

Square

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



69.3000, 54.3020, 82.4301



59.2120, 54.3020, 24.1506



37.2238, 54.3020, 40.6881



44.6926, 54.3020, 117.7209

Rectangle

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



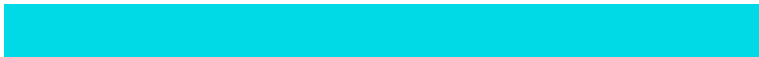
69.3000, 54.3020, 82.4301



69.1157, 54.3020, 39.9669



37.2238, 54.3020, 40.6881



37.3459, 54.3020, 83.5972

Sweetspot

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



69.3013, 54.3043, 82.4312



86.3603, 84.3607, 100.6389



52.8571, 45.4081, 100.5865



18.2419, 17.6225, 21.3019



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.



69.3013, 54.3043, 82.4312



65.5579, 47.9059, 77.8281



63.8225, 52.1128, 53.5805



18.5713, 18.2118, 21.6257



26.2585, 12.9927, 25.8095



2.6024, 1.2833, 2.7534

Inverse Universe

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



69.3013, 54.3043, 82.4312



65.5579, 47.9059, 77.8281



66.3722, 85.5817, 91.0396



18.5713, 18.2118, 21.6257



26.2585, 12.9927, 25.8095



2.6024, 1.2833, 2.7534

Previews

White Background



This preview shows how the XYZ color 69.3000, 54.3020, 82.4301 looks on a white background.

Color Contrast Check

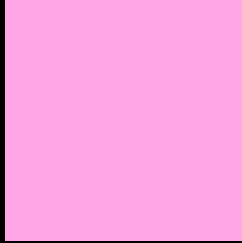
Large Text (above 18pt) WCAG AA × Fail

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 69.3000, 54.3020, 82.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

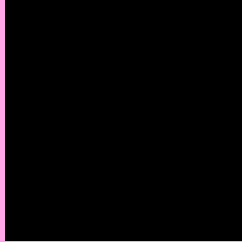
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3000, 54.3020, 82.4301

Background



This preview shows how black text looks on a background with the XYZ color 69.3000, 54.3020, 82.4301.



This preview shows how white text looks on a background with the XYZ color 69.3000, 54.3020,

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

69.3000, 54.3020, 82.4301

Protanopia

55.1477, 54.7454, 98.1028

Deuteranopia

55.8318, 54.5151, 80.2529



Tritanopia

63.6375, 54.2269, 54.6897

Trichromacy



Original Color

69.3000, 54.3020, 82.4301



Protanomaly

58.8433, 53.6034, 92.0391



Deuteranomaly

59.7409, 53.7093, 80.6170



Tritanomaly

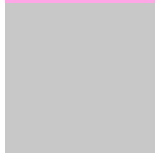
65.6069, 54.1809, 64.1268

Monochromacy



Original Color

69.3000, 54.3020, 82.4301



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.2563, 55.8852, 69.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3000, 54.3020, 82.4301 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, 166, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 231)  
}
```

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, 166, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 231) }
```

Border

The CSS property to change the border of an element to XYZ 69.3000, 54.3020, 82.4301 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, 166, 231) }
```


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

```
.border{ border-color:rgb(255, 166, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3000, 54.3020, 82.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 231) }
```

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

```
.background{ background-color: rgb(255,  
166, 231) }
```

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