

Converting Colors

XYZ(70.6852, 53.9621, 92.4803)

Have a look what the booklet for
XYZ(70.6852, 53.9621, 92.4803)
contains.

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Color

**XYZ(70.6663, 53.9860,
92.2838)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3F4
RGB	255, 163, 244
RGB Percent	100%, 64%, 96%
CMY	0.0000, 0.3608, 0.0431
CMYK	0.00, 0.36, 0.04, 0.00
HSL	307°, 100%, 82%
HSV	307°, 36%, 100%
XYZ	70.6663, 53.9860, 92.2838
YIQ	199.7420, 28.8310, 44.6950

Conversions

Conversions Part 2

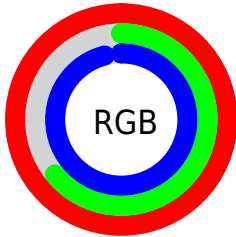
Format	Color
R _Y B	255, 163, 244
Decimal	16753652
CIE Lab	78.45, 45.83, -26.42
CIE LCh	78, 52.904, 330.039
Yxy	53.9860, 0.3257, 0.2489
Android (android.graphics.Color)	4294943732 (0xFFFFA3F4)
YUV	199.7420, 21.8192, 48.4613
Hunter-Lab	73.4752, 43.0946, -23.0348

Details

The XYZ color **70.6663, 53.9860, 92.2838** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.5059, 82.3633, 52.8610**, and the grayscale version is **54.6000, 57.4435, 62.5559**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **37.5717, 26.4384, 50.6998** is the 20% darker color. If you saturate the color by 10%, you get **66.1278, 45.6435, 88.5064**, and if you desaturate by 10%, it is **76.1277, 64.1614, 96.4080**.

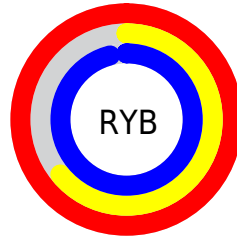
Distribution



Red (100%)

Green (64%)

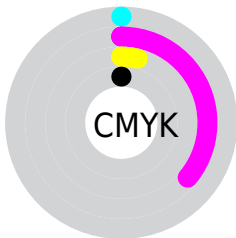
Blue (96%)



Red (100%)

Yellow (64%)

Blue (96%)

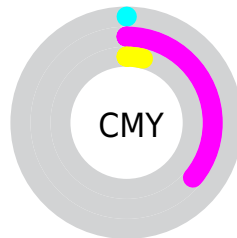


Cyan (0%)

Magenta (36%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6663, 53.9860, 92.2838 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 70.6663, 53.9860, 92.2838 by changing the saturation by 10% instead.


 70.6663, 53.9860,
92.2838


 70.6663, 53.9860,
92.2838


452.1161,
402.0566, 556.1929

 52.3515, 38.5905,
69.2920


 119.1796, 96.0537,
152.4698

 37.5107, 26.4413,
50.4763

 150.1087,
123.4946, 190.5011

 25.7786, 17.1541,
35.4182


185.9733,
155.7195, 234.3826

 16.7899, 10.3444,
23.6991

227.1388,
193.1127, 284.5329

 10.1792, 5.6279,
14.9004

273.9704,
236.0586, 341.3706

 5.5811, 2.6202,
8.6037

326.8336,

 2.6303, 0.9368,

284.9417, 405.3141

4.3903

386.0937,
340.1462, 476.7821

■ 0.9614, 0.0000,
1.8418

■ 0.0000, 0.0000,
0.4553

■ 70.6663, 53.9860,
92.2838

■ 70.6663, 53.9860,
92.2838

■ 66.1278, 45.6435,
88.5064

■ 76.1277, 64.1614,
96.4080

■ 62.4532, 39.0170,
85.0539

■ 82.5588, 76.2644,
100.8928

■ 59.5827, 33.9864,
81.9068

■ 90.0079, 90.3908,
105.7550

■ 57.4469, 30.4133,
79.0418

95.0500, 100.0000,
108.9000

■ 55.9649, 28.1356,
76.4319

■ 55.0360, 26.9522,
74.0432

■ 54.7641, 26.6696,
73.1468

Harmonies

Analogous

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



61.9910, 53.9860, 123.6283



70.6663, 53.9860, 92.2838



74.0270, 53.9860, 58.7423

Triad

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



70.6663, 53.9860, 92.2838



51.2984, 53.9860, 18.0894



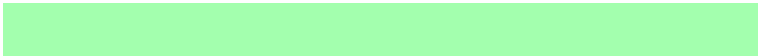
35.8706, 53.9860, 92.3756

Complementary

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



70.6663, 53.9860, 92.2838



58.5059, 82.3633, 52.8610

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.



33.7957, 53.9860, 58.8208



70.6663, 53.9860, 92.2838



41.9359, 53.9860, 21.8283

Square

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



70.6663, 53.9860, 92.2838



61.9640, 53.9860, 21.8080



35.8598, 53.9860, 34.5625



41.9567, 53.9860, 123.6927

Rectangle

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



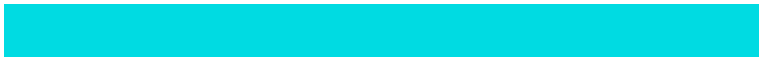
70.6663, 53.9860, 92.2838



72.4915, 53.9860, 41.2554



35.8598, 53.9860, 34.5625



34.7207, 53.9860, 80.6781

Sweetspot

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



70.6675, 53.9882, 92.2849



86.2101, 83.1767, 103.3128



48.5456, 42.3851, 100.2303



18.2382, 17.3970, 21.9728



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.



70.6675, 53.9882, 92.2849



67.4295, 48.0221, 89.6331



64.5625, 51.5461, 60.1362



18.6936, 18.2608, 22.2698



28.6525, 13.9503, 38.4160



2.8151, 1.3684, 3.8736

Inverse Universe

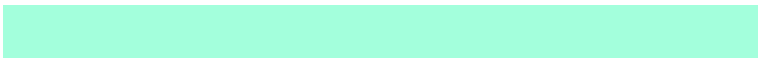
The Inverse Universe completely reimagines the original color for something new.



70.6675, 53.9882, 92.2849



67.4295, 48.0221, 89.6331



63.7487, 84.4604, 80.4693



18.6936, 18.2608, 22.2698



28.6525, 13.9503, 38.4160



2.8151, 1.3684, 3.8736

Previews

White Background



This preview shows how the XYZ color 70.6663, 53.9860, 92.2838 looks on a white background.

Color Contrast Check

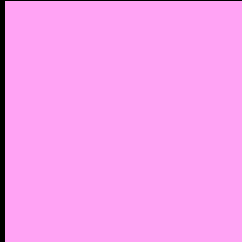
Large Text (above 18pt) WCAG AA × Fail

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 70.6663, 53.9860, 92.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

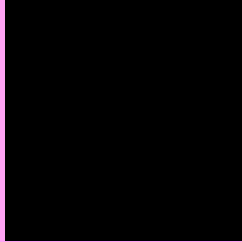
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6663, 53.9860, 92.2838

Background



This preview shows how black text looks on a background with the XYZ color 70.6663, 53.9860, 92.2838.



This preview shows how white text looks on a background with the XYZ color 70.6663, 53.9860,

92.2838.

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

70.6663, 53.9860, 92.2838

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.4793, 54.1353, 89.1864



Tritanopia

62.9246, 53.8594, 54.6564

Trichromacy



Original Color

70.6663, 53.9860, 92.2838



Protanomaly

59.1133, 52.9919, 98.3796



Deuteranomaly

59.9300, 53.2895, 90.3463



Tritanomaly

65.5436, 53.8127, 66.6069

Monochromacy



Original Color

70.6663, 53.9860, 92.2838



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.6802, 55.7142, 72.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6663, 53.9860, 92.2838 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, 163, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 244)  
}
```

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, 163, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 244) }
```

Border

The CSS property to change the border of an element to XYZ 70.6663, 53.9860, 92.2838 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, 163, 244) }
```


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

```
.border{ border-color:rgb(255, 163, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6663, 53.9860, 92.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 244) }
```

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

```
.background{ background-color: rgb(255,  
163, 244) }
```

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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