

Converting Colors

XYZ(71.9494, 56.0367, 94.3005)

Have a look what the booklet for
XYZ(71.9494, 56.0367, 94.3005)
contains.

XYZ(71.8772, 55.9191, 94.1939)	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(71.8772, 55.9191,
94.1939)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8F6
RGB	255, 168, 246
RGB Percent	100%, 66%, 96%
CMY	0.0000, 0.3412, 0.0353
CMYK	0.00, 0.34, 0.04, 0.00
HSL	306°, 100%, 83%
HSV	306°, 34%, 100%
XYZ	71.8772, 55.9191, 94.1939
YIQ	202.9050, 26.8140, 42.7020

Conversions

Conversions Part 2

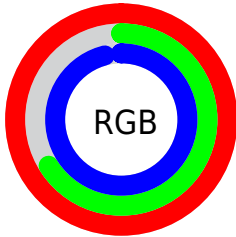
Format	Color
R _Y B	255, 168, 246
Decimal	16754934
CIE Lab	79.57, 43.60, -25.80
CIE LCh	80, 50.663, 329.391
Yxy	55.9191, 0.3238, 0.2519
Android (android.graphics.Color)	4294945014 (0xFFFFA8F6)
YUV	202.9050, 21.2458, 45.6873
Hunter-Lab	74.7791, 40.7098, -22.3381

Details

The XYZ color **71.8772, 55.9191, 94.1939** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.8460, 83.0200, 54.4678**, and the grayscale version is **56.5656, 59.5114, 64.8079**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **38.3375, 27.6226, 52.0263** is the 20% darker color. If you saturate the color by 10%, you get **67.2210, 47.2499, 90.6590**, and if you desaturate by 10%, it is **77.4646, 66.4410, 98.0690**.

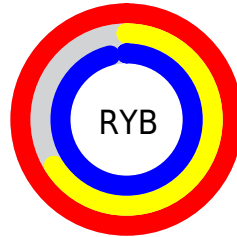
Distribution



Red (100%)

Green (66%)

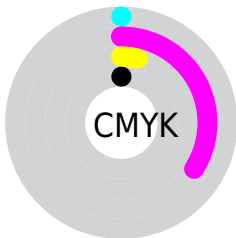
Blue (96%)



Red (100%)

Yellow (66%)

Blue (96%)

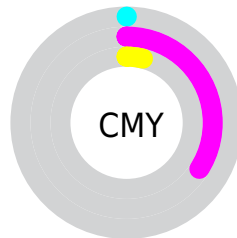


Cyan (0%)

Magenta (34%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8772, 55.9191, 94.1939 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 71.8772, 55.9191, 94.1939 by changing the saturation by 10% instead.


 71.8772, 55.9191,
94.1939


 71.8772, 55.9191,
94.1939


456.2783,
409.3865, 562.4994

 53.3435, 40.1381,
70.8711


 120.8937, 98.8863,
155.1365

 38.3056, 27.6462,
51.7558


 152.1071,
126.8412, 193.5933

 26.3983, 18.0591,
36.4296


188.2779,
159.6229, 237.9318

 17.2561, 10.9925,
24.4738

229.7713,
197.6158, 288.5706

 10.5137, 6.0618,
15.4700

276.9526,
241.2042, 345.9282

 5.8057, 2.8827,
8.9996

330.1874,

 2.7668, 1.0708,

290.7725, 410.4232

4.6441

389.8408,
346.7052, 482.4741

■ 1.0317, 0.0000,
1.9850

■ 0.0000, 0.0000,
0.5460

■ 71.8772, 55.9191,
94.1939

■ 71.8772, 55.9191,
94.1939

■ 67.2210, 47.2499,
90.6590

■ 77.4646, 66.4410,
98.0690

■ 63.4381, 40.3184,
87.4428

■ 84.0293, 78.9086,
102.2976

■ 60.4700, 35.0071,
84.5263

■ 91.6188, 93.4165,
106.8965

■ 58.2490, 31.1813,
81.8869

95.0500, 100.0000,
108.9000

■ 56.6971, 28.6844,
79.4983

■ 55.7183, 27.3248,
77.3286

■ 55.3301, 26.8960,
76.1274

Harmonies

Analogous

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



63.3663, 55.9191, 124.1010



71.8772, 55.9191, 94.1939



75.2694, 55.9191, 61.4851

Triad

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



71.8772, 55.9191, 94.1939



53.3581, 55.9191, 20.2236



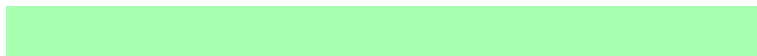
37.8285, 55.9191, 92.8182

Complementary

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



71.8772, 55.9191, 94.1939



59.8460, 83.0200, 54.4678

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.



35.8527, 55.9191, 60.2916



71.8772, 55.9191, 94.1939



44.0944, 55.9191, 23.8908

Square

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



71.8772, 55.9191, 94.1939



63.7730, 55.9191, 24.2121



37.9949, 55.9191, 36.5330



43.7765, 55.9191, 123.1442

Rectangle

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



71.8772, 55.9191, 94.1939



73.8766, 55.9191, 44.0781



37.9949, 55.9191, 36.5330



36.7143, 55.9191, 81.5020

Sweetspot

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



71.8784, 55.9213, 94.1950



87.0260, 84.6270, 104.1445



50.1181, 44.5400, 100.5633



18.4039, 17.6873, 22.1547



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.



71.8784, 55.9213, 94.1950



68.5755, 49.7595, 91.7255



65.9998, 53.5699, 63.2387



18.7069, 18.2661, 22.3397



28.9440, 14.0669, 39.9512



2.8405, 1.3786, 4.0076

Inverse Universe

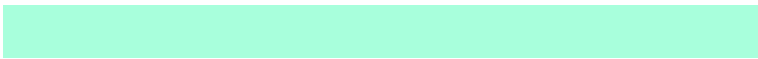
The Inverse Universe completely reimagines the original color for something new.



71.8784, 55.9213, 94.1950



68.5755, 49.7595, 91.7255



64.8548, 85.0235, 80.8437



18.7069, 18.2661, 22.3397



28.9440, 14.0669, 39.9512



2.8405, 1.3786, 4.0076

Previews

White Background



This preview shows how the XYZ color 71.8772, 55.9191, 94.1939 looks on a white background.

Color Contrast Check

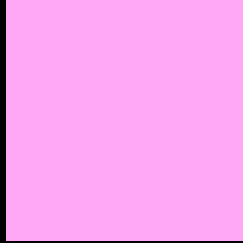
Large Text (above 18pt) WCAG AA × Fail

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 71.8772, 55.9191, 94.1939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

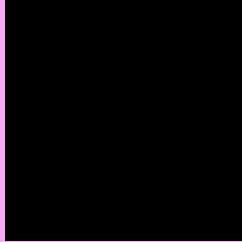
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8772, 55.9191, 94.1939

Background



This preview shows how black text looks on a background with the XYZ color 71.8772, 55.9191, 94.1939.



This preview shows how white text looks on a background with the XYZ color 71.8772, 55.9191,

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

71.8772, 55.9191, 94.1939

Protanopia

56.8460, 56.5236, 102.5218

Deuteranopia

57.4528, 56.0929, 91.0180



Tritanopia

64.3459, 56.0024, 57.2873

Trichromacy



Original Color

71.8772, 55.9191, 94.1939



Protanomaly

61.1420, 55.5560, 99.5963



Deuteranomaly

61.9334, 55.5038, 92.2431



Tritanomaly

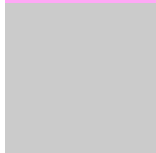
66.9973, 55.9226, 69.5504

Monochromacy



Original Color

71.8772, 55.9191, 94.1939



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

61.3238, 57.4710, 74.8787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8772, 55.9191, 94.1939 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, 168, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 246)  
}
```

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, 168, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 246) }
```

Border

The CSS property to change the border of an element to XYZ 71.8772, 55.9191, 94.1939 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, 168, 246) }
```


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

```
.border{ border-color:rgb(255, 168, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8772, 55.9191, 94.1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 246) }
```

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

```
.background{ background-color: rgb(255,  
168, 246) }
```

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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