

Converting Colors

XYZ(93.4751, 58.2280, 95.8918)

Have a look what the booklet for
XYZ(93.4751, 58.2280, 95.8918)
contains.

XYZ(66.4552, 44.3322, 94.6769)	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(66.4552, 44.3322,
94.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83F9
RGB	255, 131, 249
RGB Percent	100%, 51%, 98%
CMY	0.0000, 0.4862, 0.0235
CMYK	0.00, 0.49, 0.02, 0.00
HSL	303°, 100%, 76%
HSV	303°, 49%, 100%
XYZ	66.4552, 44.3322, 94.6769
YIQ	181.5280, 36.0260, 62.9860

Conversions

Conversions Part 2

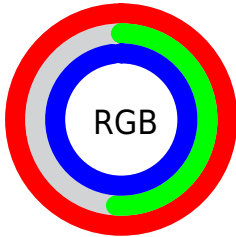
Format	Color
R _Y B	255, 131, 249
Decimal	16745465
CIE Lab	72.45, 62.53, -38.39
CIE LCh	72, 73.376, 328.450
Yxy	44.3322, 0.3234, 0.2158
Android (android.graphics.Color)	4294935545 (0xFFFF83F9)
YUV	181.5280, 33.2637, 64.4349
Hunter-Lab	66.5824, 61.6397, -37.6997

Details

The XYZ color **66.4552, 44.3322, 94.6769** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.6368, 78.1521, 36.1378**, and the grayscale version is **44.0199, 46.3123, 50.4341**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **34.7955, 20.5737, 52.0064** is the 20% darker color. If you saturate the color by 10%, you get **63.2504, 38.2295, 92.6628**, and if you desaturate by 10%, it is **70.5057, 52.1241, 96.9803**.

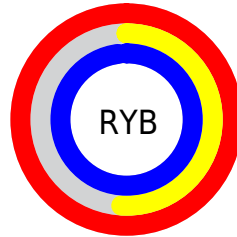
Distribution



Red (100%)

Green (51%)

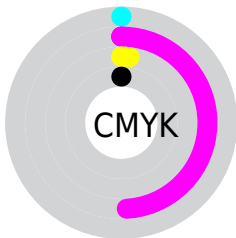
Blue (98%)



Red (100%)

Yellow (51%)

Blue (98%)

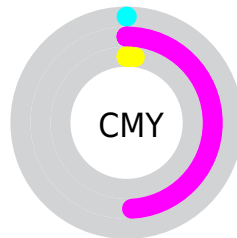


Cyan (0%)

Magenta (49%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4552, 44.3322, 94.6769 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 66.4552, 44.3322, 94.6769 by changing the saturation by 10% instead.


 66.4552, 44.3322,
94.6769


 66.4552, 44.3322,
94.6769


437.4661,
364.0622, 564.0880


 48.9111, 30.9318,
71.2707


 113.1935, 81.7174,
155.8099

 34.7632, 20.5469,
52.0799


 143.1185,
106.4709, 194.3737

 23.6462, 12.7932,
36.6861


 177.9010,
135.7776, 238.8272

 15.1947, 7.2863,
24.6707

217.9066,
170.0219, 289.5889

 9.0433, 3.6418,
15.6151

263.5006,
209.5880, 347.0772

 4.8268, 1.4753,
9.1008

315.0482,

 2.1797, 0.2712,

254.8606, 411.7109

4.7093

372.9149,
306.2238, 483.9083

■ 0.7320, 0.0000,
2.0220

■ 0.0000, 0.0000,
0.5687

■ 66.4552, 44.3322,
94.6769

■ 66.4552, 44.3322,
94.6769

■ 63.2504, 38.2295,
92.6628

■ 70.5057, 52.1241,
96.9803

■ 60.8257, 33.6849,
90.9144

■ 75.4558, 61.7131,
99.5892

■ 59.1100, 30.5566,
89.4086

■ 81.3579, 73.2043,
102.5217

■ 58.0186, 28.6747,
88.1170

■ 88.2598, 86.6931,
105.7937

■ 57.4303, 27.7970,
86.9993

95.0500, 100.0000,
108.9000

■ 57.3667, 27.7107,
86.8519

Harmonies

Analogous

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



54.8214, 44.3322, 139.1028



66.4552, 44.3322, 94.6769



71.4353, 44.3322, 50.1800

Triad

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



66.4552, 44.3322, 94.6769



42.7981, 44.3322, 6.7491



24.1612, 44.3322, 89.6523

Complementary

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



66.4552, 44.3322, 94.6769



49.6368, 78.1521, 36.1378

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.



22.1954, 44.3322, 46.4095



66.4552, 44.3322, 94.6769



31.5767, 44.3322, 9.2705

Square

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



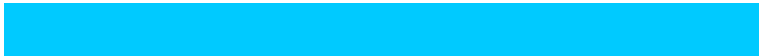
66.4552, 44.3322, 94.6769



56.1914, 44.3322, 9.9123



24.6184, 44.3322, 20.2209



30.6454, 44.3322, 135.3200

Rectangle

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



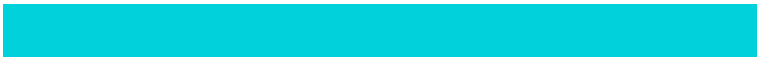
66.4552, 44.3322, 94.6769



69.6846, 44.3322, 29.4071



24.6184, 44.3322, 20.2209



23.0151, 44.3322, 73.8486

Sweetspot

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



66.4562, 44.3339, 94.6778



83.7419, 77.8583, 103.6677



36.1813, 28.6168, 98.2244



17.6240, 16.0787, 22.0453



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.



66.4562, 44.3339, 94.6778



63.4272, 38.5639, 92.7807



58.5284, 41.1628, 52.9306



18.7525, 18.2843, 22.5796



29.9919, 14.4861, 45.4695



2.9315, 1.4150, 4.4864

Inverse Universe

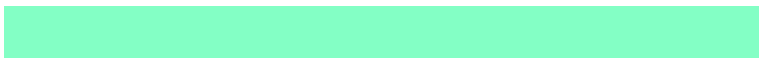
The Inverse Universe completely reimagines the original color for something new.



66.4562, 44.3339, 94.6778



63.4272, 38.5639, 92.7807



55.2147, 80.3833, 65.5107



18.7525, 18.2843, 22.5796



29.9919, 14.4861, 45.4695



2.9315, 1.4150, 4.4864

Previews

White Background



This preview shows how the XYZ color 66.4552, 44.3322, 94.6769 looks on a white background.

Color Contrast Check

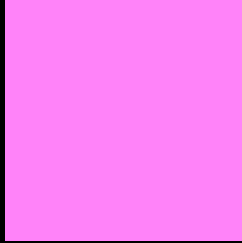
Large Text (above 18pt) WCAG AA × Fail

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 66.4552, 44.3322, 94.6769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

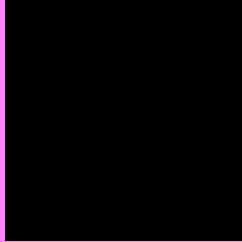
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4552, 44.3322, 94.6769

Background



This preview shows how black text looks on a background with the XYZ color 66.4552, 44.3322, 94.6769.



This preview shows how white text looks on a background with the XYZ color 66.4552, 44.3322,

94.6769.

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

66.4552, 44.3322, 94.6769

Protanopia

46.3378, 44.8500, 100.8224

Deuteranopia

45.8997, 44.8751, 89.4617



Tritanopia

55.3337, 44.1900, 40.2635

Trichromacy



Original Color

66.4552, 44.3322, 94.6769



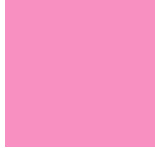
Protanomaly

51.2867, 43.0523, 98.5353



Deuteranomaly

51.4056, 43.2754, 91.2316



Tritanomaly

58.7778, 43.9813, 56.4302

Monochromacy



Original Color

66.4552, 44.3322, 94.6769



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

50.5323, 44.2059, 64.2618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4552, 44.3322, 94.6769 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, 131, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 249)  
}
```

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, 131, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 249) }
```

Border

The CSS property to change the border of an element to XYZ 66.4552, 44.3322, 94.6769 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, 131, 249) }
```


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

```
.border{ border-color:rgb(255, 131, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4552, 44.3322, 94.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 249) }
```

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

```
.background{ background-color: rgb(255,  
131, 249) }
```

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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