

Converting Colors

XYZ(17.8384, 7.4494, 92.9675)

Have a look what the booklet for
XYZ(17.8384, 7.4494, 92.9675)
contains.

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Color

**XYZ(17.7711, 7.4292,
92.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	0011FC
RGB	0, 17, 252
RGB Percent	0%, 7%, 99%
CMY	0.9997, 0.9334, 0.0118
CMYK	1.00, 0.93, 0.00, 0.01
HSL	236°, 100%, 49%
HSV	236°, 100%, 99%
XYZ	17.7711, 7.4292, 92.5928
YIQ	38.7070, -85.5670, 69.4810

Conversions

Conversions Part 2

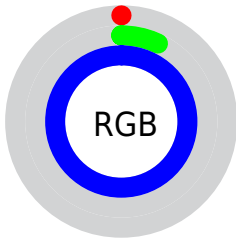
Format	Color
RYB	0, 16, 252
Decimal	4604
CIELab	32.76, 75.72, -105.41
CIElCh	33, 129.782, 305.691
Yxy	7.4292, 0.1509, 0.0631
Android (android.graphics.Color)	4278194684 (0xFF0011FC)
YUV	38.7070, 105.1534, -33.9460
Hunter-Lab	27.2566, 68.6819, -182.3335

Details

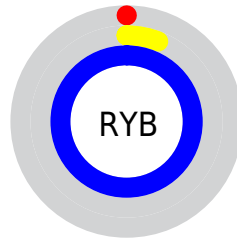
The XYZ color **17.7711, 7.4292, 92.5928** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **69.8780, 80.1608, 11.7916**, and the grayscale version is **1.8221, 1.9170, 2.0876**.

A 20% lighter version of the original color is **28.4496, 16.5208, 96.2971**, and **9.6256, 3.8503, 50.6879** is the 20% darker color. If you saturate the color by 10%, you get **17.7700, 7.4267, 92.5927**, and if you desaturate by 10%, it is **18.7538, 8.7894, 92.8039**.

Distribution



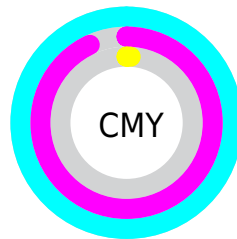
- Red (0%)
- Green (7%)
- Blue (99%)



- Red (0%)
- Yellow (6%)
- Blue (99%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (93%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7711, 7.4292, 92.5928 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 17.7711, 7.4292, 92.5928 by changing the saturation by 10% instead.

■ 17.7711, 7.4292,
92.5928

■ 17.7711, 7.4292,
92.5928

232.6483,
171.1839, 557.2158

■ 10.8845, 3.7319,
69.5473

■ 39.1800, 20.8316,
152.9016

■ 6.0559, 1.5248,
50.6831

■ 54.4331, 31.3055,
191.0019

■ 2.9201, 0.3061,
35.5815

■ 73.2056, 44.8071,
234.9576

■ 1.1116, 0.0000,
23.8240

■ 95.8630, 61.7207,
285.1873

■ 0.0348, 0.0000,
14.9921

■ 122.7706, 82.4308,
342.1094


■ 0.0000, 0.0000,
8.6673


■ 154.2938,


■ 0.0000, 0.0000,


107.3218, 406.1425

4.4310


 190.7979,
136.7780, 477.7051


 0.0000, 0.0000,
1.8646


 0.0000, 0.0000,
0.4701


 17.7711, 7.4292,
92.5928


 17.7711, 7.4292,
92.5928

 17.7700, 7.4267,
92.5927

 18.7538, 8.7894,
92.8039

 20.7428, 11.3853,
93.2001

 23.9745, 15.4503,
93.8144

 28.6092, 21.1600,
94.6722

■ 34.7829, 28.6648,
95.7954

■ 42.6157, 38.0983,
97.2034

■ 52.2155, 49.5812,
98.9139

■ 63.6814, 63.2247,
100.9430

■ 77.1049, 79.1315,
103.3058

Harmonies

Analogous

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



8.4394, 7.4292, 131.9318



17.7711, 7.4292, 92.5928



26.9469, 7.4292, 35.3835

Triad

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



17.7711, 7.4292, 92.5928



13.9301, 7.4292, 0.0000



0.2950, 7.4292, 12.4015

Complementary

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



17.7711, 7.4292, 92.5928



69.8780, 80.1608, 11.7916

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.



0.5603, 7.4292, 0.2143



17.7711, 7.4292, 92.5928



5.8420, 7.4292, 0.0000

Square

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



17.7711, 7.4292, 92.5928



23.9018, 7.4292, 0.0000



1.8491, 7.4292, 0.0000



0.8749, 7.4292, 55.5330

Rectangle

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



17.7711, 7.4292, 92.5928



29.7825, 7.4292, 11.2425



1.8491, 7.4292, 0.0000



0.2883, 7.4292, 5.5885

Sweetspot

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



17.7718, 7.4292, 92.5931



53.5901, 50.8744, 101.6030



49.2361, 75.3914, 87.5628



10.5319, 9.7684, 21.5803



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.



17.7718, 7.4292, 92.5931



18.2523, 7.6247, 95.1174



23.4019, 10.0355, 92.7994



16.3766, 16.8300, 21.7707



9.2925, 3.9406, 48.2444



0.8923, 0.4283, 4.4788

Inverse Universe

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



40.2468, 20.7374, 2.4112



41.3421, 21.3009, 2.4678



46.8487, 75.8269, 12.1689



17.2919, 17.2441, 18.1268



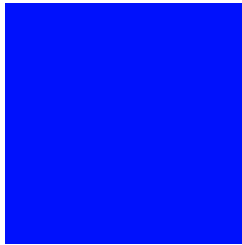
20.9825, 10.8087, 1.3501



1.9593, 1.0075, 0.2092

Previews

White Background



This preview shows how the XYZ color 17.7711, 7.4292, 92.5928 looks on a white background.

Color Contrast Check

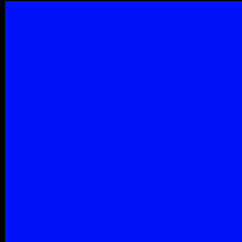
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 17.7711, 7.4292, 92.5928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

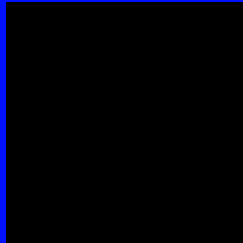
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7711, 7.4292, 92.5928

Background



This preview shows how black text looks on a background with the XYZ color 17.7711, 7.4292, 92.5928.



This preview shows how white text looks on a background with the XYZ color 17.7711, 7.4292,

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

17.7711, 7.4292, 92.5928

Protanopia

8.4495, 7.2979, 32.4158

Deuteranopia

7.0335, 7.4033, 22.8881



Tritanopia

5.1310, 7.3768, 10.6046

Trichromacy



Original Color

17.7711, 7.4292, 92.5928

Protanomaly

10.6771, 6.3078, 49.9450

Deuteranomaly

9.2996, 6.0608, 41.7540

Tritanomaly

7.0140, 5.4756, 28.7042

Monochromacy



Original Color

17.7711, 7.4292, 92.5928

Achromatopsia

1.9284, 2.0289, 2.2094

Achromatomaly

4.0433, 2.4476, 16.7823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7711, 7.4292, 92.5928 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(0, 17, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 17, 252)  
}
```

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(0, 17, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 17, 252) }
```

Border

The CSS property to change the border of an element to XYZ 17.7711, 7.4292, 92.5928 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(0, 17, 252) }
```


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

```
.border{ border-color:rgb(0, 17, 252) }
```

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

Here you see how a box with a 4 pixel rgb(0, 17, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 17, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 17, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 17, 252)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.7711, 7.4292, 92.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 17, 252) }
```

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

```
.background{ background-color: rgb(0, 17,  
252) }
```

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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