

Converting Colors

XYZ(18.3614, 7.4217, 95.0725)

Have a look what the booklet for
XYZ(18.3614, 7.4217, 95.0725)
contains.

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Color

**XYZ(18.3711, 7.4338,
95.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	1403FF
RGB	20, 3, 255
RGB Percent	8%, 1%, 100%
CMY	0.9214, 0.9884, 0.0000
CMYK	0.92, 0.99, 0.00, 0.00
HSL	244°, 100%, 51%
HSV	244°, 99%, 100%
XYZ	18.3711, 7.4338, 95.0744
YIQ	36.8110, -70.7600, 81.9760

Conversions

Conversions Part 2

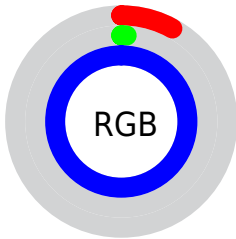
Format	Color
R_{YB}	20, 3, 255
Decimal	1311743
CIE _{Lab}	32.77, 78.86, -107.07
CIE _{LCh}	33, 132.971, 306.372
Yxy	7.4338, 0.1520, 0.0615
Android (android.graphics.Color)	4279501823 (0xFF1403FF)
YUV	36.8110, 107.5672, -14.7432
Hunter-Lab	27.2650, 72.5592, -187.6617

Details

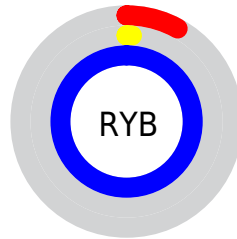
The XYZ color **18.3711, 7.4338, 95.0744** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **71.0091, 89.6897, 13.6546**, and the grayscale version is **1.6622, 1.7488, 1.9044**.

A 20% lighter version of the original color is **28.7447, 16.2702, 96.2332**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.2862, 7.3418, 95.0611**, and if you desaturate by 10%, it is **19.5076, 8.6045, 95.2404**.

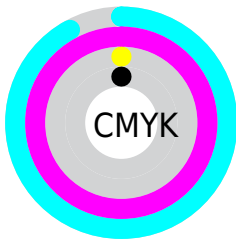
Distribution



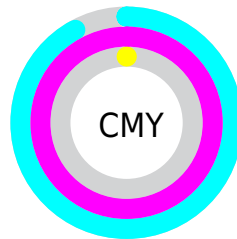
- Red (8%)
- Green (1%)
- Blue (100%)



- Red (8%)
- Yellow (1%)
- Blue (100%)



- Cyan (92%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)





- Cyan (92%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3711, 7.4338, 95.0744 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 18.3711, 7.4338, 95.0744 by changing the saturation by 10% instead.


 18.3711, 7.4338,
95.0744


 18.3711, 7.4338,
95.0744


235.9599,
171.2211, 565.3936


 11.3180, 3.7348,
71.5997


 40.1938, 20.8407,
156.3639


 6.3500, 1.5264,
52.3469


 55.6942, 31.3175,
195.0157


 3.1017, 0.3072,
36.8975


 74.7410, 44.8223,
239.5636

 1.2078, 0.0000,
24.8330

 97.6997, 61.7396,
290.4261

 0.1125, 0.0000,
15.7348

 124.9356, 82.4537,
348.0218


 0.0000, 0.0000,
9.1843


 156.8140,


 0.0000, 0.0000,


107.3491, 412.7693


4.7632


 193.7003,
136.8101, 485.0870

 0.0000, 0.0000,
2.0527


 0.0000, 0.0000,
0.5874


 18.3711, 7.4338,
95.0744


 18.3711, 7.4338,
95.0744

 18.2862, 7.3418,
95.0611

 19.5076, 8.6045,
95.2404

 21.7235, 11.0700,
95.5995

 25.2306, 15.1228,
96.1969

 30.1869, 20.9713,
97.0646

■ 36.7277, 28.7918,
98.2294

■ 44.9726, 38.7399,
99.7150

■ 55.0297, 50.9552,
101.5427

■ 66.9981, 65.5659,
103.7320

■ 80.9698, 82.6902,
106.3010

Harmonies

Analogous

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



8.6605, 7.4338, 137.6268



18.3711, 7.4338, 95.0744



27.8406, 7.4338, 35.2956

Triad

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



18.3711, 7.4338, 95.0744



13.9161, 7.4338, 0.0000



0.2227, 7.4338, 13.1472

Complementary

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



18.3711, 7.4338, 95.0744



71.0091, 89.6897, 13.6546

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.



0.4747, 7.4338, 0.2247



18.3711, 7.4338, 95.0744



5.6796, 7.4338, 0.0000

Square

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



18.3711, 7.4338, 95.0744



24.2911, 7.4338, 0.0000



1.7243, 7.4338, 0.0000



0.8350, 7.4338, 58.8890

Rectangle

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



18.3711, 7.4338, 95.0744



30.6680, 7.4338, 10.7748



1.7243, 7.4338, 0.0000



0.2091, 7.4338, 5.8996

Sweetspot

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



18.3718, 7.4337, 95.0743



53.7618, 49.4116, 101.3116



48.7194, 68.5036, 105.2625



10.5708, 9.4376, 21.5144



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.



18.3718, 7.4337, 95.0743



18.2862, 7.3418, 95.0611



29.8985, 13.3760, 95.6137



17.1170, 17.4365, 22.7134



9.5969, 3.8579, 49.6734



0.9724, 0.3952, 4.8383

Inverse Universe

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



56.6930, 27.4928, 83.1453



56.6312, 27.4165, 82.9789



42.4817, 74.9833, 12.3195



18.7364, 18.2779, 22.4949



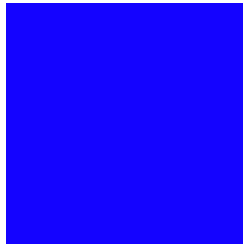
29.6137, 14.3348, 43.4776



2.8987, 1.4019, 4.3141

Previews

White Background



This preview shows how the XYZ color 18.3711, 7.4338, 95.0744 looks on a white background.

Color Contrast Check

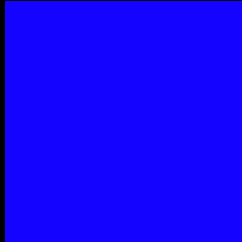
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3711, 7.4338, 95.0744 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 18.3711, 7.4338, 95.0744

Background



This preview shows how black text looks on a background with the XYZ color 18.3711, 7.4338, 95.0744.



This preview shows how white text looks on a background with the XYZ color 18.3711, 7.4338,

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

18.3711, 7.4338, 95.0744

Protanopia

8.6019, 7.4665, 32.8861

Deuteranopia

7.1023, 7.4308, 23.2503



Tritanopia

5.1733, 7.3938, 10.8273

Trichromacy



Original Color

18.3711, 7.4338, 95.0744

Protanomaly

10.8116, 6.0921, 51.0581

Deuteranomaly

9.2514, 5.6755, 42.2028

Tritanomaly

7.0068, 5.0755, 29.4645

Monochromacy



Original Color

18.3711, 7.4338, 95.0744

Achromatopsia

1.7584, 1.8500, 2.0147

Achromatomaly

4.0651, 2.2475, 16.7426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3711, 7.4338, 95.0744 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(20, 3, 255)` looks like.

```
.text, #text, p{  
    color:rgb(20, 3, 255)  
}
```

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(20, 3, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 3, 255) }
```

Border

The CSS property to change the border of an element to XYZ 18.3711, 7.4338, 95.0744 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(20, 3, 255) }
```


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

```
.border{ border-color:rgb(20, 3, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 3, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 3, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 3, 255);  
box-shadow:4px 4px 4px 4px rgb(20, 3, 255)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.3711, 7.4338, 95.0744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 3, 255) }
```

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

```
.background{ background-color: rgb(20, 3,  
255) }
```

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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