

Converting Colors

XYZ(18.1524, 7.4249, 95.0841)

Have a look what the booklet for
XYZ(18.1524, 7.4249, 95.0841)
contains.

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Color

**XYZ(18.1477, 7.4154,
95.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	0009FF
RGB	0, 9, 255
RGB Percent	0%, 4%, 100%
CMY	0.9997, 0.9648, 0.0000
CMYK	1.00, 0.96, 0.00, 0.00
HSL	238°, 100%, 50%
HSV	238°, 100%, 100%
XYZ	18.1477, 7.4154, 95.0826
YIQ	34.3530, -84.3300, 74.5980

Conversions

Conversions Part 2

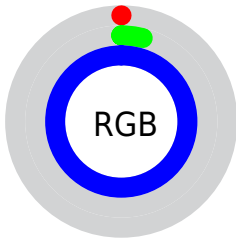
Format	Color
R_{YB}	0, 9, 255
Decimal	2559
CIE _{Lab}	32.73, 77.85, -107.14
CIE _{LCh}	33, 132.440, 306.004
Yxy	7.4154, 0.1504, 0.0615
Android (android.graphics.Color)	4278192639 (0xFF0009FF)
YUV	34.3530, 108.7790, -30.1276
Hunter-Lab	27.2312, 71.3030, -187.9595

Details

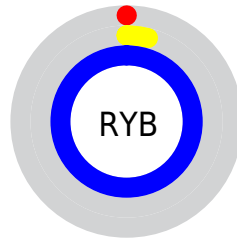
The XYZ color **18.1477, 7.4154, 95.0826** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **74.2267, 87.2327, 12.9276**, and the grayscale version is **1.4729, 1.5496, 1.6875**.

A 20% lighter version of the original color is **28.3839, 16.1825, 96.2353**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.1466, 7.4133, 95.0822**, and if you desaturate by 10%, it is **19.0255, 8.5545, 95.2562**.

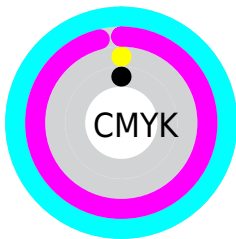
Distribution



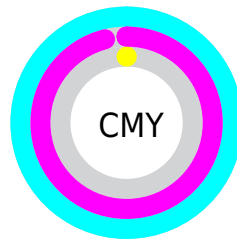
- Red (0%)
- Green (4%)
- Blue (100%)



- Red (0%)
- Yellow (4%)
- Blue (100%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1477, 7.4154, 95.0826 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 18.1477, 7.4154, 95.0826 by changing the saturation by 10% instead.


 18.1477, 7.4154,
95.0826


 18.1477, 7.4154,
95.0826


234.7318,
171.0721, 565.4205


 11.1564, 3.7232,
71.6065


 39.8170, 20.8041,
156.3753


 6.2402, 1.5200,
52.3524


 55.2256, 31.2695,
195.0289


 3.0337, 0.3027,
36.9019


 74.1708, 44.7613,
239.5787

 1.1716, 0.0000,
24.8363

 97.0179, 61.6641,
290.4434

 0.0838, 0.0000,
15.7372

 124.1321, 82.3621,
348.0413


 0.0000, 0.0000,
9.1861


 155.8789,


 0.0000, 0.0000,

107.2399, 412.7911

4.7643

 192.6237,
136.6817, 485.1113


 0.0000, 0.0000,
2.0533


 0.0000, 0.0000,
0.5878


 18.1477, 7.4154,
95.0826


 18.1477, 7.4154,
95.0826

 18.1466, 7.4133,
95.0822

 19.0255, 8.5545,
95.2562

 20.9420, 10.9716,
95.6217

 24.1548, 14.9369,
96.2177

 28.8391, 20.6512,
97.0738

■ 35.1430, 28.2855,
98.2151

■ 43.1963, 37.9900,
99.6638

■ 53.1160, 49.9002,
101.4399

■ 65.0087, 64.1402,
103.5617

■ 78.9731, 80.8248,
106.0462

Harmonies

Analogous

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



8.5364, 7.4154, 136.6628



18.1477, 7.4154, 95.0826



27.5886, 7.4154, 35.6800

Triad

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



18.1477, 7.4154, 95.0826



13.9784, 7.4154, 0.0000



0.2291, 7.4154, 12.7618

Complementary

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



18.1477, 7.4154, 95.0826



74.2267, 87.2327, 12.9276

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.



0.4908, 7.4154, 0.1803



18.1477, 7.4154, 95.0826



5.7437, 7.4154, 0.0000

Square

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



18.1477, 7.4154, 95.0826



24.2684, 7.4154, 0.0000



1.7572, 7.4154, 0.0000



0.8289, 7.4154, 57.7339

Rectangle

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



18.1477, 7.4154, 95.0826



30.4643, 7.4154, 11.0379



1.7572, 7.4154, 0.0000



0.2192, 7.4154, 5.6949

Sweetspot

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



18.1484, 7.4153, 95.0825



53.0836, 49.8614, 101.4342



51.8261, 77.9466, 96.5181



10.4172, 9.5389, 21.5421



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.



18.1484, 7.4153, 95.0825



18.1466, 7.4133, 95.0822



25.0937, 10.8524, 95.3799



17.0538, 17.4793, 22.7250



9.5040, 3.9175, 49.6898



0.9425, 0.4156, 4.8438

Inverse Universe

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



41.2900, 21.2813, 2.1892



41.2888, 21.2795, 2.1868



46.6236, 77.1203, 12.4306



18.0351, 17.9973, 18.8019



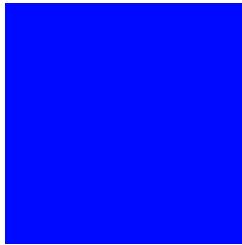
21.5854, 11.1234, 1.2011



2.1103, 1.0865, 0.1624

Previews

White Background



This preview shows how the XYZ color 18.1477, 7.4154, 95.0826 looks on a white background.

Color Contrast Check

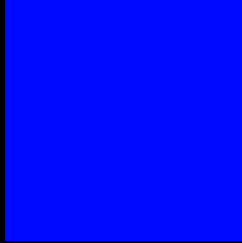
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1477, 7.4154, 95.0826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

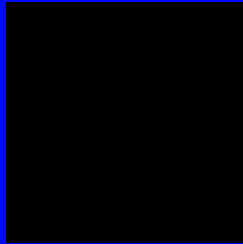
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.1477, 7.4154, 95.0826

Background



This preview shows how black text looks on a background with the XYZ color 18.1477, 7.4154, 95.0826.



This preview shows how white text looks on a background with the XYZ color 18.1477, 7.4154,

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

18.1477, 7.4154, 95.0826

Protanopia

8.6019, 7.4665, 32.8861

Deuteranopia

7.1023, 7.4308, 23.2503



Tritanopia

5.1733, 7.3938, 10.8273

Trichromacy



Original Color

18.1477, 7.4154, 95.0826

Protanomaly

10.8095, 6.2179, 51.0825

Deuteranomaly

9.2550, 5.8127, 42.2291

Tritanomaly

7.0181, 5.2281, 29.4934

Monochromacy



Original Color

18.1477, 7.4154, 95.0826

Achromatopsia

1.5204, 1.5996, 1.7420

Achromatomaly

3.7158, 2.0807, 16.1254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1477, 7.4154, 95.0826 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, 9, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 9, 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(0, 9, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 9, 255) }
```

Border

The CSS property to change the border of an element to XYZ 18.1477, 7.4154, 95.0826 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, 9, 255) }
```


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

```
.border{ border-color:rgb(0, 9, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 9, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 9, 255); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 9, 255); box-shadow:4px  
4px 4px 4px rgb(0, 9, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1477, 7.4154, 95.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 9, 255) }
```

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

```
.background{ background-color: rgb(0, 9,  
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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