

Converting Colors

XYZ(18.2661, 7.3499, 94.2219)

Have a look what the booklet for
XYZ(18.2661, 7.3499, 94.2219)
contains.

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Color

**XYZ(18.2661, 7.3499,
94.2219)**

Conversions

Conversions Part 1

Format	Color
Hex	1800FE
RGB	24, 0, 254
RGB Percent	9%, 0%, 100%
CMY	0.9057, 1.0000, 0.0039
CMYK	0.91, 1.00, 0.00, 0.00
HSL	246°, 100%, 50%
HSV	246°, 100%, 100%
XYZ	18.2661, 7.3499, 94.2219
YIQ	36.1320, -67.2300, 84.0820

Conversions

Conversions Part 2

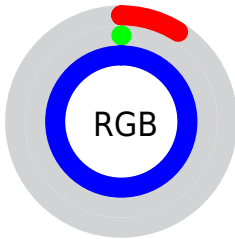
Format	Color
RYB	24, 0, 254
Decimal	1573118
CIELab	32.59, 79.10, -106.81
CIElCh	33, 132.910, 306.522
Yxy	7.3499, 0.1524, 0.0613
Android (android.graphics.Color)	4279763198 (0xFF1800FE)
YUV	36.1320, 107.4089, -10.6398
Hunter-Lab	27.1107, 72.8224, -187.0820

Details

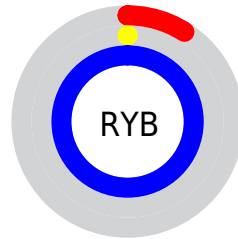
The XYZ color **18.2661, 7.3499, 94.2219** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **68.0618, 87.7000, 13.3406**, and the grayscale version is **1.6095, 1.6933, 1.8440**.

A 20% lighter version of the original color is **28.8248, 16.2147, 96.2183**, and **9.8503, 3.9401, 51.8711** is the 20% darker color. If you saturate the color by 10%, you get **18.2671, 7.3505, 94.2223**, and if you desaturate by 10%, it is **19.4197, 8.4735, 94.3783**.

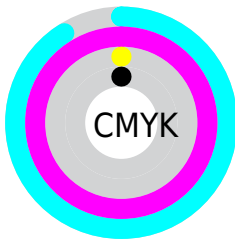
Distribution



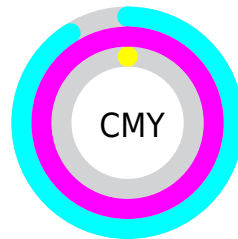
- Red (9%)
- Green (0%)
- Blue (100%)



- Red (9%)
- Yellow (0%)
- Blue (100%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (91%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2661, 7.3499, 94.2219 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 18.2661, 7.3499, 94.2219 by changing the saturation by 10% instead.


 18.2661, 7.3499,
94.2219


 18.2661, 7.3499,
94.2219


235.3833,
170.5402, 562.5915


 11.2420, 3.6819,
70.8942


 40.0168, 20.6737,
155.1755


 6.2984, 1.4972,
51.7746


 55.4741, 31.0983,
193.6385


 3.0697, 0.2868,
36.4444


 74.4732, 44.5439,
237.9837

 1.1907, 0.0000,
24.4852

 97.3795, 61.3948,
288.6297

 0.0990, 0.0000,
15.4784

 124.5583, 82.0356,
345.9949

 0.0000, 0.0000,
9.0055


 156.3750,


 0.0000, 0.0000,


106.8504, 410.4979


4.6479


 193.1949,
136.2239, 482.5573


 0.0000, 0.0000,
1.9871


 0.0000, 0.0000,
0.5473


 18.2661, 7.3499,
94.2219


 18.2661, 7.3499,
94.2219

 18.2671, 7.3505,
94.2223

 19.4197, 8.4735,
94.3783

 21.5928, 10.8093,
94.7146

 25.0049, 14.6810,
95.2821

 29.8074, 20.2949,
96.1126

■ 36.1298, 27.8254,
97.2329

■ 44.0865, 37.4256,
98.6665

■ 53.7808, 49.2330,
100.4347

■ 65.3076, 63.3735,
102.5565

■ 78.7548, 79.9632,
105.0499

Harmonies

Analogous

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



8.6079, 7.3499, 136.8306



18.2661, 7.3499, 94.2219



27.6619, 7.3499, 34.7894

Triad

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



18.2661, 7.3499, 94.2219



13.7369, 7.3499, 0.0000



0.2057, 7.3499, 13.1551

Complementary

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



18.2661, 7.3499, 94.2219



68.0618, 87.7000, 13.3406

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.



0.4533, 7.3499, 0.2264



18.2661, 7.3499, 94.2219



5.5816, 7.3499, 0.0000

Square

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



18.2661, 7.3499, 94.2219



24.0508, 7.3499, 0.0000



1.6838, 7.3499, 0.0000



0.8218, 7.3499, 58.8072

Rectangle

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



18.2661, 7.3499, 94.2219



30.4448, 7.3499, 10.5433



1.6838, 7.3499, 0.0000



0.1907, 7.3499, 5.9072

Sweetspot

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



18.2671, 7.3505, 94.2223



54.2569, 49.6668, 101.3347



46.9813, 65.3395, 103.9019



10.6833, 9.4956, 21.5197



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.



18.2671, 7.3505, 94.2223



18.4299, 7.4159, 95.0678



30.1324, 13.4673, 94.7776



17.1624, 17.4599, 22.7155



9.6829, 3.9022, 49.6774



0.9938, 0.4063, 4.8393

Inverse Universe

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



55.1503, 26.7818, 77.0951



55.6445, 27.0218, 77.7833



41.3660, 73.9379, 12.0912



18.7142, 18.2690, 22.3779



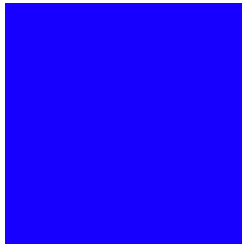
29.1059, 14.1317, 40.8038



2.8546, 1.3842, 4.0819

Previews

White Background



This preview shows how the XYZ color 18.2661, 7.3499, 94.2219 looks on a white background.

Color Contrast Check

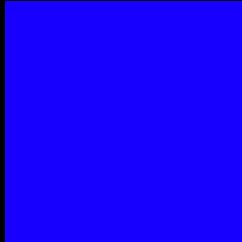
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2661, 7.3499, 94.2219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

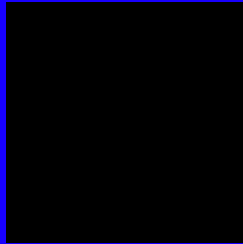
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.2661, 7.3499, 94.2219

Background



This preview shows how black text looks on a background with the XYZ color 18.2661, 7.3499, 94.2219.



This preview shows how white text looks on a background with the XYZ color 18.2661, 7.3499,

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

18.2661, 7.3499, 94.2219

Protanopia

8.6019, 7.4665, 32.8861

Deuteranopia

7.1023, 7.4308, 23.2503



Tritanopia

5.1733, 7.3938, 10.8273

Trichromacy



Original Color

18.2661, 7.3499, 94.2219

Protanomaly

10.6840, 5.9778, 50.4599

Deuteranomaly

9.2323, 5.6001, 42.1893

Tritanomaly

6.9839, 4.9925, 29.4497

Monochromacy



Original Color

18.2661, 7.3499, 94.2219

Achromatopsia

1.6769, 1.7642, 1.9212

Achromatomaly

3.9966, 2.1577, 16.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2661, 7.3499, 94.2219 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(24, 0, 254)` looks like.

```
.text, #text, p{  
  color:rgb(24, 0, 254)  
}
```

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(24, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 0, 254) }
```

Border

The CSS property to change the border of an element to XYZ 18.2661, 7.3499, 94.2219 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(24, 0, 254) }
```


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

```
.border{ border-color:rgb(24, 0, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 0, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(24, 0, 254)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.2661, 7.3499, 94.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 0, 254) }
```

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

```
.background{ background-color: rgb(24, 0,  
254) }
```

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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