

Converting Colors

XYZ(18.1149, 7.3497, 95.0716)

Have a look what the booklet for
XYZ(18.1149, 7.3497, 95.0716)
contains.

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Color

**XYZ(18.1151, 7.3502,
95.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	0006FF
RGB	0, 6, 255
RGB Percent	0%, 2%, 100%
CMY	0.9997, 0.9766, 0.0000
CMYK	1.00, 0.98, 0.00, 0.00
HSL	239°, 100%, 50%
HSV	239°, 100%, 100%
XYZ	18.1151, 7.3502, 95.0717
YIQ	32.5920, -83.5050, 76.1670

Conversions

Conversions Part 2

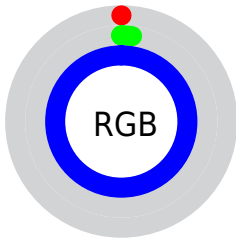
Format	Color
R_{YB}	0, 6, 255
Decimal	1791
CIE Lab	32.59, 78.30, -107.38
CIE LCh	33, 132.895, 306.098
Yxy	7.3502, 0.1503, 0.0610
Android (android.graphics.Color)	4278191871 (0xFF0006FF)
YUV	32.5920, 109.6471, -28.5832
Hunter-Lab	27.1113, 71.8248, -188.9358

Details

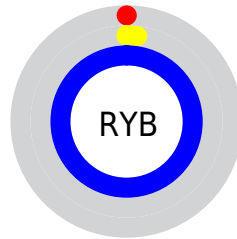
The XYZ color **18.1151, 7.3502, 95.0717** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **75.1484, 89.0762, 13.2349**, and the grayscale version is **1.3442, 1.4142, 1.5400**.

A 20% lighter version of the original color is **28.3177, 16.0500, 96.2132**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.1140, 7.3480, 95.0713**, and if you desaturate by 10%, it is **18.9522, 8.4079, 95.2317**.

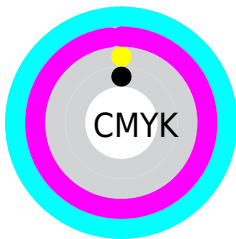
Distribution



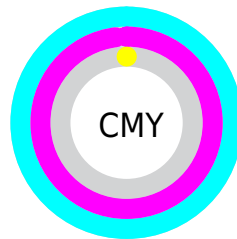
- Red (0%)
- Green (2%)
- Blue (100%)



- Red (0%)
- Yellow (2%)
- Blue (100%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1151, 7.3502, 95.0717 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 18.1151, 7.3502, 95.0717 by changing the saturation by 10% instead.

■ 18.1151, 7.3502,
95.0717

■ 18.1151, 7.3502,
95.0717

234.5521,
170.5427, 565.3847

■ 11.1328, 3.6821,
71.5974

■ 39.7619, 20.6743,
156.3601

■ 6.2242, 1.4974,
52.3451

■ 55.1572, 31.0991,
195.0113

■ 3.0238, 0.2869,
36.8961

■ 74.0875, 44.5449,
239.5586

■ 1.1664, 0.0000,
24.8319

■ 96.9182, 61.3961,
290.4204

■ 0.0796, 0.0000,
15.7340

■ 124.0146, 82.0371,
348.0154


■ 0.0000, 0.0000,
9.1838


■ 155.7422,


■ 0.0000, 0.0000,


106.8522, 412.7621


4.7628


 192.4662,
136.2260, 485.0790

 0.0000, 0.0000,
2.0525


 0.0000, 0.0000,
0.5873


 18.1151, 7.3502,
95.0717


 18.1151, 7.3502,
95.0717

 18.1140, 7.3480,
95.0713

 18.9522, 8.4079,
95.2317

 20.8232, 10.7341,
95.5821

 23.9969, 14.6210,
96.1651

 28.6524, 20.2777,
97.0116

■ 34.9409, 27.8812,
98.1478

■ 42.9949, 37.5870,
99.5967

■ 52.9334, 49.5348,
101.3790

■ 64.8649, 63.8524,
103.5137

■ 78.8899, 80.6581,
106.0184

Harmonies

Analogous

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



8.4962, 7.3502, 137.0110



18.1151, 7.3502, 95.0717



27.5605, 7.3502, 35.4770

Triad

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



18.1151, 7.3502, 95.0717



13.8782, 7.3502, 0.0000



0.2035, 7.3502, 12.7690

Complementary

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



18.1151, 7.3502, 95.0717



75.1484, 89.0762, 13.2349

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.



0.4634, 7.3502, 0.1640



18.1151, 7.3502, 95.0717



5.6665, 7.3502, 0.0000

Square

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



18.1151, 7.3502, 95.0717



24.1818, 7.3502, 0.0000



1.7152, 7.3502, 0.0000



0.8080, 7.3502, 57.9460

Rectangle

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



18.1151, 7.3502, 95.0717



30.4249, 7.3502, 10.8846



1.7152, 7.3502, 0.0000



0.1927, 7.3502, 5.6811

Sweetspot

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



18.1158, 7.3501, 95.0717



52.9007, 49.4955, 101.3732



52.4728, 78.2052, 99.9233



10.3759, 9.4562, 21.5283



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.



18.1158, 7.3501, 95.0717



18.1140, 7.3480, 95.0713



25.6642, 11.1465, 95.4066



17.0367, 17.4450, 22.7192



9.4795, 3.8686, 49.6817



0.9343, 0.3993, 4.8411

Inverse Universe

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



41.2735, 21.2747, 2.1026



41.2723, 21.2729, 2.1001



45.9195, 76.7574, 12.3976



18.0264, 17.9939, 18.7563



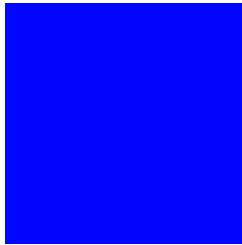
21.5730, 11.1185, 1.1361



2.1062, 1.0849, 0.1407

Previews

White Background



This preview shows how the XYZ color 18.1151, 7.3502, 95.0717 looks on a white background.

Color Contrast Check

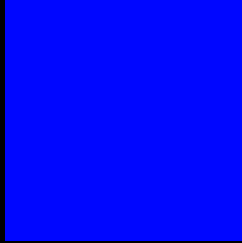
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1151, 7.3502, 95.0717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

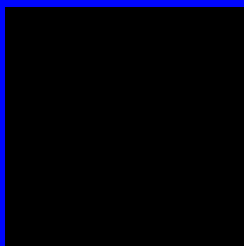
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.1151, 7.3502, 95.0717

Background



This preview shows how black text looks on a background with the XYZ color 18.1151, 7.3502, 95.0717.



This preview shows how white text looks on a background with the XYZ color 18.1151, 7.3502,

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

18.1151, 7.3502, 95.0717

Protanopia

8.5168, 7.4325, 32.4382

Deuteranopia

7.0335, 7.4033, 22.8881



Tritanopia

5.1733, 7.3938, 10.8273

Trichromacy



Original Color

18.1151, 7.3502, 95.0717

Protanomaly

10.6550, 6.0870, 50.4825

Deuteranomaly

9.2089, 5.7205, 42.2138

Tritanomaly

6.9681, 5.1283, 29.4768

Monochromacy



Original Color

18.1151, 7.3502, 95.0717

Achromatopsia

1.4456, 1.5209, 1.6562

Achromatomaly

3.6529, 1.9871, 16.1106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1151, 7.3502, 95.0717 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, 6, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 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, 6, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 255) }
```

Border

The CSS property to change the border of an element to XYZ 18.1151, 7.3502, 95.0717 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, 6, 255) }
```


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

```
.border{ border-color:rgb(0, 6, 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, 6, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 255); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 255); box-shadow:4px  
4px 4px 4px rgb(0, 6, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1151, 7.3502, 95.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 255) }
```

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

```
.background{ background-color: rgb(0, 6,  
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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