

Converting Colors

XYZ(18.7537, 7.9944, 95.1624)

Have a look what the booklet for
XYZ(18.7537, 7.9944, 95.1624)
contains.

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Color

**XYZ(18.7442, 7.9759,
95.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	1A15FF
RGB	26, 21, 255
RGB Percent	10%, 8%, 100%
CMY	0.8979, 0.9177, 0.0000
CMYK	0.90, 0.92, 0.00, 0.00
HSL	241°, 100%, 54%
HSV	241°, 92%, 100%
XYZ	18.7442, 7.9759, 95.1593
YIQ	49.1710, -72.1340, 73.8340

Conversions

Conversions Part 2

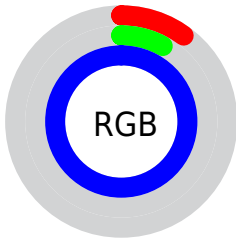
Format	Color
R _Y B	26, 21, 255
Decimal	1709567
CIE Lab	33.93, 75.81, -105.13
CIE LCh	34, 129.609, 305.796
Yxy	7.9759, 0.1538, 0.0654
Android (android.graphics.Color)	4279899647 (0xFF1A15FF)
YUV	49.1710, 101.4737, -20.3210
Hunter-Lab	28.2416, 69.0490, -180.0066

Details

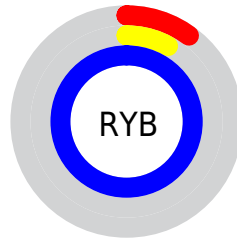
The XYZ color **18.7442, 7.9759, 95.1593** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **75.2992, 91.8876, 14.4760**, and the grayscale version is **2.8358, 2.9835, 3.2490**.

A 20% lighter version of the original color is **29.3761, 17.3173, 96.4020**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.1190, 7.2556, 95.0532**, and if you desaturate by 10%, it is **20.4107, 9.9155, 95.4459**.

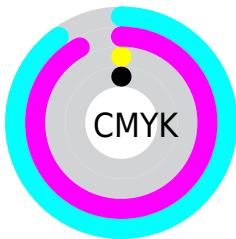
Distribution



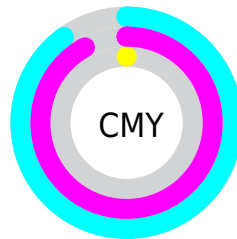
- Red (10%)
- Green (8%)
- Blue (100%)



- Red (10%)
- Yellow (8%)
- Blue (100%)



- Cyan (90%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7442, 7.9759, 95.1593 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 18.7442, 7.9759, 95.1593 by changing the saturation by 10% instead.

 18.7442, 7.9759,
95.1593


 18.7442, 7.9759,
95.1593


237.9983,
175.5429, 565.6722


 11.5885, 4.0795,
71.6699


 40.8216, 21.9112,
156.4821


 6.5343, 1.7182,
52.4039


 56.4741, 32.7189,
195.1527


 3.2163, 0.4354,
36.9427


 75.6895, 46.5992,
239.7208

 1.2692, 0.0000,
24.8677

 98.8332, 63.9364,
290.6048

 0.1600, 0.0000,
15.7604

 126.2706, 85.1150,
348.2235

 0.0000, 0.0000,
9.2022


 158.3670,


 0.0000, 0.0000,


110.5193, 412.9952

4.7747


 195.4877,
140.5338, 485.3386


 0.0000, 0.0000,
2.0593


 0.0000, 0.0000,
0.5914


 18.7442, 7.9759,
95.1593

 18.7442, 7.9759,
95.1593

 18.1190, 7.2556,
95.0532

 20.4107, 9.9155,
95.4459

 23.3419, 13.3865,
95.9614

 27.7237, 18.6192,
96.7404

 33.7109, 25.8050,
97.8118

■ 41.4385, 35.1105,
99.2007

■ 51.0273, 46.6848,
100.9294

■ 62.5871, 60.6633,
103.0182

■ 76.2195, 77.1708,
105.4860

■ 92.0189, 96.3235,
108.3501

Harmonies

Analogous

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



9.0498, 7.9759, 135.3355



18.7442, 7.9759, 95.1593



28.1897, 7.9759, 36.7329

Triad

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



18.7442, 7.9759, 95.1593



14.6962, 7.9759, 0.0000



0.4227, 7.9759, 13.2782

Complementary

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



18.7442, 7.9759, 95.1593



75.2992, 91.8876, 14.4760

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.



0.6846, 7.9759, 0.3752



18.7442, 7.9759, 95.1593



6.2802, 7.9759, 0.0000

Square

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



18.7442, 7.9759, 95.1593



24.9986, 7.9759, 0.0000



2.0606, 7.9759, 0.0000



1.0148, 7.9759, 57.7573

Rectangle

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



18.7442, 7.9759, 95.1593



31.0848, 7.9759, 11.8887



2.0606, 7.9759, 0.0000



0.4150, 7.9759, 6.1148

Sweetspot

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



18.7449, 7.9759, 95.1593



55.1496, 51.6671, 101.6738



52.8872, 76.4359, 106.5739



10.7996, 9.8447, 21.5810



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.



18.7449, 7.9759, 95.1593



18.1190, 7.2556, 95.0532



29.4547, 13.4970, 95.6605



17.0393, 17.3965, 22.7097



9.4832, 3.7993, 49.6681



0.9356, 0.3762, 4.8366

Inverse Universe

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



58.7543, 28.6943, 92.8376



58.4154, 28.1302, 92.3744



45.7413, 76.6499, 13.0928



18.7747, 18.2932, 22.6969



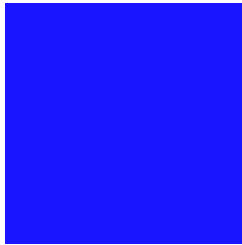
30.5310, 14.7017, 48.3081



2.9779, 1.4335, 4.7309

Previews

White Background



This preview shows how the XYZ color 18.7442, 7.9759, 95.1593 looks on a white background.

Color Contrast Check

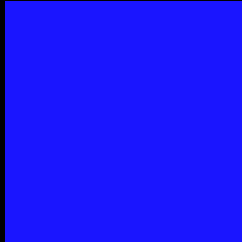
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7442, 7.9759, 95.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

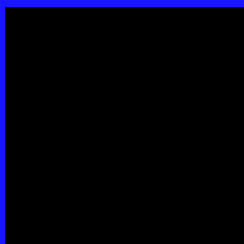
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.7442, 7.9759, 95.1593

Background



This preview shows how black text looks on a background with the XYZ color 18.7442, 7.9759, 95.1593.



This preview shows how white text looks on a background with the XYZ color 18.7442, 7.9759,

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

18.7442, 7.9759, 95.1593

Protanopia

8.9296, 7.7069, 34.2747

Deuteranopia

7.4612, 7.8122, 24.4072

Trichromacy



Original Color

18.7442, 7.9759, 95.1593

Protanomaly

11.3772, 6.8266, 52.3478

Deuteranomaly

9.8652, 6.5445, 43.3911

Monochromacy



Original Color

18.7442, 7.9759, 95.1593

Achromatopsia

2.9193, 3.0713, 3.3447

Achromatomaly

5.2781, 3.3777, 19.4426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7442, 7.9759, 95.1593 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(26, 21, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 21, 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(26, 21, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 21, 255) }
```

Border

The CSS property to change the border of an element to XYZ 18.7442, 7.9759, 95.1593 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(26, 21, 255) }
```

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

```
.border{ border-color:rgb(26, 21, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 21, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 21, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 21, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 21,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 18.7442, 7.9759, 95.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 21, 255) }
```

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

```
.background{ background-color: rgb(26, 21,  
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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