

Converting Colors

XYZ(19.4390, 9.3816, 95.3940)

Have a look what the booklet for
XYZ(19.4390, 9.3816, 95.3940)
contains.

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Color

**XYZ(19.4530, 9.3936,
95.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2EFF
RGB	26, 46, 255
RGB Percent	10%, 18%, 100%
CMY	0.8979, 0.8196, 0.0000
CMYK	0.90, 0.82, 0.00, 0.00
HSL	235°, 100%, 55%
HSV	235°, 90%, 100%
XYZ	19.4530, 9.3936, 95.3956
YIQ	63.8460, -79.0090, 60.7590

Conversions

Conversions Part 2

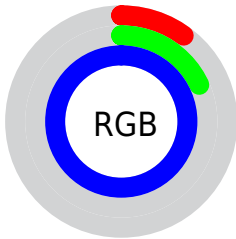
Format	Color
R _Y B	26, 44, 255
Decimal	1715967
CIE Lab	36.73, 67.37, -100.46
CIE LCh	37, 120.957, 303.846
Yxy	9.3936, 0.1566, 0.0756
Android (android.graphics.Color)	4279906047 (0xFF1A2EFF)
YUV	63.8460, 94.2389, -33.1909
Hunter-Lab	30.6490, 59.6588, -163.0871

Details

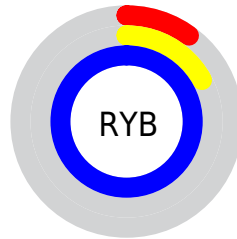
The XYZ color **19.4530, 9.3936, 95.3956** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **71.1477, 80.7764, 12.8210**, and the grayscale version is **4.7243, 4.9703, 5.4126**.

A 20% lighter version of the original color is **30.6369, 20.0545, 96.8639**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.3575, 7.8251, 95.1506**, and if you desaturate by 10%, it is **21.5873, 12.2275, 95.8301**.

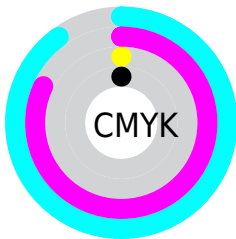
Distribution



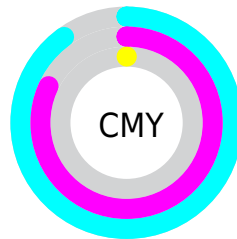
- Red (10%)
- Green (18%)
- Blue (100%)



- Red (10%)
- Yellow (17%)
- Blue (100%)



- Cyan (90%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4530, 9.3936, 95.3956 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 19.4530, 9.3936, 95.3956 by changing the saturation by 10% instead.


 19.4530, 9.3936,
95.3956


 19.4530, 9.3936,
95.3956


241.8287,
186.2876, 566.4473


 12.1040, 4.9988,
71.8656


 42.0092, 24.6485,
156.8113


 6.8873, 2.2466,
52.5627


 57.9470, 36.2774,
195.5341

 3.4374, 0.7452,
37.0685


 77.4786, 51.0864,
240.1581

 1.3891, 0.0000,
24.9643

 100.9691, 69.4600,
291.1021

 0.2484, 0.0000,
15.8317

 128.7841, 91.7825,
348.7844

 0.0000, 0.0000,
9.2521

 161.2887,

 0.0000, 0.0000,

118.4383, 413.6237

4.8069

198.8485,
149.8119, 486.0385

■ 0.0000, 0.0000,
2.0777

■ 0.0000, 0.0000,
0.6024

■ 19.4530, 9.3936,
95.3956

■ 19.4530, 9.3936,
95.3956

■ 18.3575, 7.8251,
95.1506

■ 21.5873, 12.2275,
95.8301

■ 18.3412, 7.8025,
95.1471

■ 24.9884, 16.5490,
96.4850

■ 29.8160, 22.5270,
97.3844

■ 36.2053, 30.3073,
98.5494

■ 44.2761, 40.0198,
99.9987

■ 54.1361, 51.7822,
101.7494

■ 65.8841, 65.7029,
103.8172

■ 79.6118, 81.8825,
106.2167

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



9.9190, 9.3936, 128.9500



19.4530, 9.3936, 95.3956



28.8081, 9.3936, 40.8372

Triad

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



19.4530, 9.3936, 95.3956



16.8004, 9.3936, 0.0000



0.9212, 9.3936, 13.2179

Complementary

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



19.4530, 9.3936, 95.3956



71.1477, 80.7764, 12.8210

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.



1.2723, 9.3936, 0.7001



19.4530, 9.3936, 95.3956



8.0060, 9.3936, 0.0000

Square

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



19.4530, 9.3936, 95.3956



26.7704, 9.3936, 0.0000



3.1099, 9.3936, 0.0000



1.5513, 9.3936, 53.9743

Rectangle

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



19.4530, 9.3936, 95.3956



31.9213, 9.3936, 15.2581



3.1099, 9.3936, 0.0000



0.9323, 9.3936, 6.4463

Sweetspot

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



19.4537, 9.3936, 95.3956



57.2190, 55.4435, 102.2936



50.7672, 77.5722, 88.7184



11.4438, 10.9128, 21.7532



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.



19.4537, 9.3936, 95.3956



18.3412, 7.8025, 95.1471



25.8403, 11.7856, 95.5207



17.1303, 17.6321, 22.7504



9.6269, 4.1633, 49.7308



0.9786, 0.4879, 4.8559

Inverse Universe

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



42.1032, 22.1977, 4.6496



41.3870, 21.3188, 2.7041



51.1362, 79.4252, 13.6149



18.0736, 18.0128, 19.0050



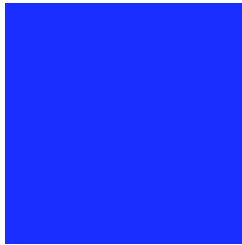
21.6474, 11.1483, 1.5277



2.1286, 1.0938, 0.2585

Previews

White Background



This preview shows how the XYZ color 19.4530, 9.3936, 95.3956 looks on a white background.

Color Contrast Check

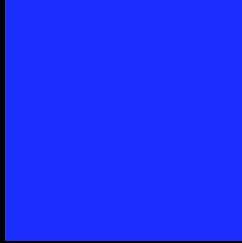
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4530, 9.3936, 95.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

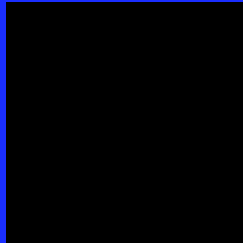
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.4530, 9.3936, 95.3956

Background



This preview shows how black text looks on a background with the XYZ color 19.4530, 9.3936, 95.3956.



This preview shows how white text looks on a background with the XYZ color 19.4530, 9.3936,

95.3956.

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

19.4530, 9.3936, 95.3956

Protanopia

10.5601, 9.0517, 40.7257

Deuteranopia

8.7562, 9.0860, 28.8960



Tritanopia

6.3443, 9.0853, 13.2236

Trichromacy



Original Color

19.4530, 9.3936, 95.3956

Protanomaly

13.0203, 8.6261, 57.4787

Deuteranomaly

11.3581, 8.3683, 47.4710

Tritanomaly

8.7673, 7.7661, 32.4894

Monochromacy



Original Color

19.4530, 9.3936, 95.3956

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

7.0122, 5.2978, 22.8433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4530, 9.3936, 95.3956 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, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 46, 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, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 46, 255) }
```

Border

The CSS property to change the border of an element to XYZ 19.4530, 9.3936, 95.3956 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, 46, 255) }
```


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

```
.border{ border-color:rgb(26, 46, 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, 46, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 46,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4530, 9.3936, 95.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 46, 255) }
```

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

```
.background{ background-color: rgb(26, 46,  
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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