

Converting Colors

XYZ(19.2638, 9.0312, 95.3356)

Have a look what the booklet for
XYZ(19.2638, 9.0312, 95.3356)
contains.

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Color

**XYZ(19.2689, 9.0255,
95.3342)**

Conversions

Conversions Part 1

Format	Color
Hex	1A29FF
RGB	26, 41, 255
RGB Percent	10%, 16%, 100%
CMY	0.8979, 0.8392, 0.0000
CMYK	0.90, 0.84, 0.00, 0.00
HSL	236°, 100%, 55%
HSV	236°, 90%, 100%
XYZ	19.2689, 9.0255, 95.3342
YIQ	60.9110, -77.6340, 63.3740

Conversions

Conversions Part 2

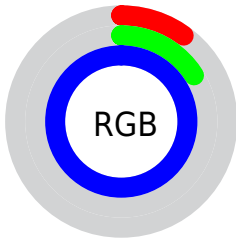
Format	Color
R _Y B	26, 40, 255
Decimal	1714687
CIE Lab	36.03, 69.44, -101.62
CIE LCh	36, 123.083, 304.347
Yxy	9.0255, 0.1559, 0.0730
Android (android.graphics.Color)	4279904767 (0xFF1A29FF)
YUV	60.9110, 95.6859, -30.6169
Hunter-Lab	30.0425, 61.9136, -167.1161

Details

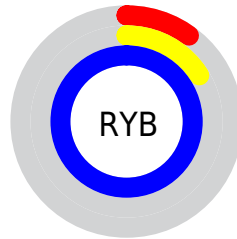
The XYZ color **19.2689, 9.0255, 95.3342** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **72.5992, 83.6795, 13.3047**, and the grayscale version is **4.3015, 4.5255, 4.9282**.

A 20% lighter version of the original color is **30.2765, 19.3338, 96.7438**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.2596, 7.6293, 95.1180**, and if you desaturate by 10%, it is **21.3228, 11.6986, 95.7420**.

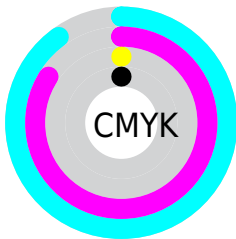
Distribution



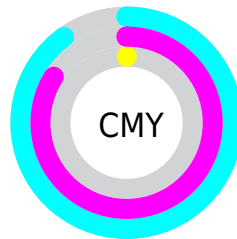
- Red (10%)
- Green (16%)
- Blue (100%)



- Red (10%)
- Yellow (16%)
- Blue (100%)



- Cyan (90%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2689, 9.0255, 95.3342 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 19.2689, 9.0255, 95.3342 by changing the saturation by 10% instead.

■ 19.2689, 9.0255,
95.3342

■ 19.2689, 9.0255,
95.3342

240.8390,
183.5680, 566.2460

■ 11.9699, 4.7578,
71.8147

■ 41.7014, 23.9457,
156.7258

■ 6.7952, 2.1059,
52.5214

■ 57.5655, 35.3669,
195.4350

■ 3.3796, 0.6679,
37.0358

■ 77.0154, 49.9415,
240.0445

■ 1.3575, 0.0000,
24.9392

■ 100.4165, 68.0538,
290.9729

■ 0.2257, 0.0000,
15.8131

■ 128.1340, 90.0882,
348.6387

■ 0.0000, 0.0000,
9.2391

■ 160.5333,

■ 0.0000, 0.0000,

116.4291, 413.4605

4.7985

197.9799,
147.4609, 485.8567

■ 0.0000, 0.0000,
2.0729

■ 0.0000, 0.0000,
0.5996

■ 19.2689, 9.0255,
95.3342

■ 19.2689, 9.0255,
95.3342

■ 18.2596, 7.6293,
95.1180

■ 21.3228, 11.6986,
95.7420

■ 18.2452, 7.6104,
95.1151

■ 24.6577, 15.8878,
96.3748

■ 29.4394, 21.7742,
97.2590

■ 35.8081, 29.5133,
98.4171

■ 43.8874, 39.2430,
99.8693

■ 53.7886, 51.0881,
101.6338

■ 65.6138, 65.1631,
103.7273

■ 79.4572, 81.5743,
106.1653

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.



9.6942, 9.0255, 130.4941



19.2689, 9.0255, 95.3342



28.6464, 9.0255, 39.7973

Triad

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



19.2689, 9.0255, 95.3342



16.2603, 9.0255, 0.0000



0.7955, 9.0255, 13.2232

Complementary

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



19.2689, 9.0255, 95.3342



72.5992, 83.6795, 13.3047

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.



1.1068, 9.0255, 0.6182



19.2689, 9.0255, 95.3342



7.5518, 9.0255, 0.0000

Square

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



19.2689, 9.0255, 95.3342



26.3205, 9.0255, 0.0000



2.8226, 9.0255, 0.0000



1.4033, 9.0255, 54.8719

Rectangle

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



19.2689, 9.0255, 95.3342



31.7059, 9.0255, 14.3739



2.8226, 9.0255, 0.0000



0.8015, 9.0255, 6.3573

Sweetspot

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



19.2696, 9.0255, 95.3342



56.8903, 54.7861, 102.1841



51.8758, 78.0156, 94.5567



11.3688, 10.7629, 21.7282



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.



19.2696, 9.0255, 95.3342



18.2452, 7.6104, 95.1151



26.9147, 12.3394, 95.5709



17.0983, 17.5681, 22.7398



9.5691, 4.0477, 49.7115



0.9635, 0.4577, 4.8508

Inverse Universe

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



42.0103, 22.1604, 4.1604



41.3385, 21.2994, 2.4489



49.6150, 78.6409, 13.5436



18.0575, 18.0063, 18.9199



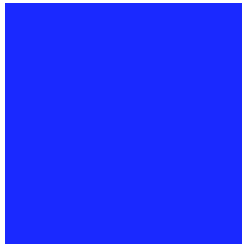
21.6182, 11.1366, 1.3741



2.1209, 1.0908, 0.2183

Previews

White Background



This preview shows how the XYZ color 19.2689, 9.0255, 95.3342 looks on a white background.

Color Contrast Check

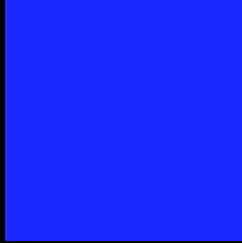
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2689, 9.0255, 95.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

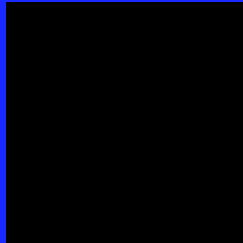
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2689, 9.0255, 95.3342

Background



This preview shows how black text looks on a background with the XYZ color 19.2689, 9.0255, 95.3342.



This preview shows how white text looks on a background with the XYZ color 19.2689, 9.0255,

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

19.2689, 9.0255, 95.3342

Protanopia

10.1981, 8.7871, 39.1888

Deuteranopia

8.3618, 8.6692, 27.6182



Tritanopia

6.0720, 8.6918, 12.6669

Trichromacy



Original Color

19.2689, 9.0255, 95.3342

Protanomaly

12.6035, 8.1716, 56.1713

Deuteranomaly

10.9545, 7.8991, 46.2947

Tritanomaly

8.3942, 7.2887, 31.5363

Monochromacy



Original Color

19.2689, 9.0255, 95.3342

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.7029, 4.9327, 22.4286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2689, 9.0255, 95.3342 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, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 41, 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, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 41, 255) }
```

Border

The CSS property to change the border of an element to XYZ 19.2689, 9.0255, 95.3342 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, 41, 255) }
```


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

```
.border{ border-color:rgb(26, 41, 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, 41, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 41, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 41, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 41,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2689, 9.0255, 95.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 41, 255) }
```

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

```
.background{ background-color: rgb(26, 41,  
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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