

Converting Colors

XYZ(19.0961, 8.0767, 95.1602)

Have a look what the booklet for
XYZ(19.0961, 8.0767, 95.1602)
contains.

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Color

**XYZ(19.1030, 8.0839,
95.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	2712FF
RGB	39, 18, 255
RGB Percent	15%, 7%, 100%
CMY	0.8470, 0.9295, 0.0000
CMYK	0.85, 0.93, 0.00, 0.00
HSL	245°, 100%, 54%
HSV	245°, 93%, 100%
XYZ	19.1030, 8.0839, 95.1613
YIQ	51.2970, -63.5610, 78.1590

Conversions

Conversions Part 2

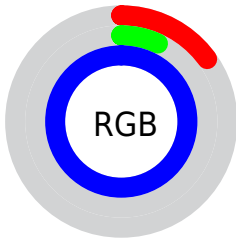
Format	Color
R _Y B	39, 18, 255
Decimal	2560767
CIE Lab	34.16, 76.69, -104.74
CIE LCh	34, 129.814, 306.210
Yxy	8.0839, 0.1561, 0.0661
Android (android.graphics.Color)	4280750847 (0xFF2712FF)
YUV	51.2970, 100.4256, -10.7845
Hunter-Lab	28.4322, 70.1741, -178.5384

Details

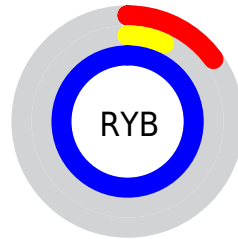
The XYZ color **19.1030, 8.0839, 95.1613** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **69.7865, 89.0487, 14.0815**, and the grayscale version is **3.0736, 3.2337, 3.5215**.

A 20% lighter version of the original color is **30.0519, 17.5578, 96.4128**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.3952, 7.3979, 95.0662**, and if you desaturate by 10%, it is **20.9346, 10.0156, 95.4376**.

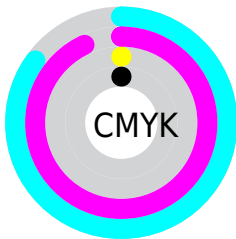
Distribution



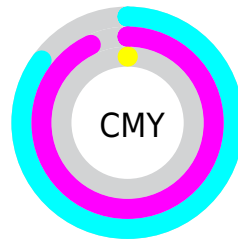
- Red (15%)
- Green (7%)
- Blue (100%)



- Red (15%)
- Yellow (7%)
- Blue (100%)



- Cyan (85%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)





- Cyan (85%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1030, 8.0839, 95.1613 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 19.1030, 8.0839, 95.1613 by changing the saturation by 10% instead.


 19.1030, 8.0839,
95.1613


 19.1030, 8.0839,
95.1613


239.9440,
176.3886, 565.6788

 11.8492, 4.1487,
71.6716


 41.4236, 22.1228,
156.4849


 6.7125, 1.7571,
52.4053


 57.2211, 32.9952,
195.1559

 3.3277, 0.4602,
36.9437


 76.5972, 46.9488,
239.7245

 1.3293, 0.0000,
24.8685

 99.9172, 64.3680,
290.6090

 0.2050, 0.0000,
15.7610

 127.5466, 85.6372,
348.2282


 0.0000, 0.0000,
9.2027


 159.8506,


 0.0000, 0.0000,


111.1408, 413.0005


4.7750


 197.1946,
141.2631, 485.3445


 0.0000, 0.0000,
2.0594


 0.0000, 0.0000,
0.5915


 19.1030, 8.0839,
95.1613


 19.1030, 8.0839,
95.1613

 18.3952, 7.3979,
95.0662

 20.9346, 10.0156,
95.4376

 23.9687, 13.4287,
95.9365

 28.3697, 18.5458,
96.6922

 34.2753, 25.5517,
97.7332

■ 41.8063, 34.6074,
99.0842

■ 51.0711, 45.8564,
100.7672

■ 62.1688, 59.4294,
102.8021

■ 75.1910, 75.4468,
105.2074

■ 90.2229, 94.0207,
108.0003

Harmonies

Analogous

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



9.2800, 8.0839, 136.2667



19.1030, 8.0839, 95.1613



28.5808, 8.0839, 36.4282

Triad

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



19.1030, 8.0839, 95.1613



14.7281, 8.0839, 0.0000



0.4437, 8.0839, 13.8238

Complementary

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



19.1030, 8.0839, 95.1613



69.7865, 89.0487, 14.0815

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.



0.6944, 8.0839, 0.4563



19.1030, 8.0839, 95.1613



6.2815, 8.0839, 0.0000

Square

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



19.1030, 8.0839, 95.1613



25.1350, 8.0839, 0.0000



2.0645, 8.0839, 0.0000



1.0527, 8.0839, 59.1217

Rectangle

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



19.1030, 8.0839, 95.1613



31.4207, 8.0839, 11.6907



2.0645, 8.0839, 0.0000



0.4321, 8.0839, 6.4333

Sweetspot

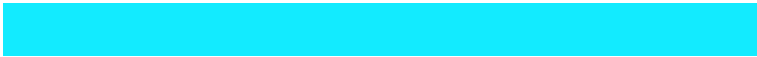
The Sweet Spot groups the original color and five complimentary colors.



19.1037, 8.0839, 95.1612



56.3275, 52.2743, 101.7289



48.0787, 66.9075, 104.9882



11.0698, 9.9840, 21.5936



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.



19.1037, 8.0839, 95.1612



18.3952, 7.3979, 95.0662



32.0233, 14.7442, 95.7658



17.1525, 17.4548, 22.7150



9.6623, 3.8916, 49.6765



0.9892, 0.4038, 4.8391

Inverse Universe

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



56.3011, 27.6301, 80.1751



55.8567, 27.1067, 78.9007



43.1702, 75.3275, 12.8359



18.7190, 18.2709, 22.4034



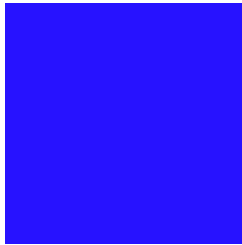
29.2152, 14.1754, 41.3790



2.8641, 1.3880, 4.1320

Previews

White Background



This preview shows how the XYZ color 19.1030, 8.0839, 95.1613 looks on a white background.

Color Contrast Check

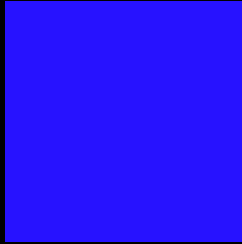
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1030, 8.0839, 95.1613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

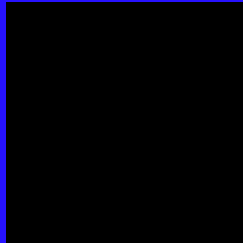
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1030, 8.0839, 95.1613

Background



This preview shows how black text looks on a background with the XYZ color 19.1030, 8.0839, 95.1613.



This preview shows how white text looks on a background with the XYZ color 19.1030, 8.0839,

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

19.1030, 8.0839, 95.1613

Protanopia

9.1755, 7.9164, 35.2268

Deuteranopia

7.5327, 7.8407, 24.7833



Tritanopia

5.5482, 7.9351, 11.5951

Trichromacy



Original Color

19.1030, 8.0839, 95.1613

Protanomaly

11.5591, 6.9072, 52.9486

Deuteranomaly

9.9833, 6.5166, 43.9117

Tritanomaly

7.6261, 5.9154, 30.4456

Monochromacy



Original Color

19.1030, 8.0839, 95.1613

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

5.5995, 3.5360, 19.7894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1030, 8.0839, 95.1613 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(39, 18, 255)` looks like.

```
.text, #text, p{  
    color:rgb(39, 18, 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(39, 18, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 18, 255) }
```

Border

The CSS property to change the border of an element to XYZ 19.1030, 8.0839, 95.1613 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(39, 18, 255) }
```


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

```
.border{ border-color:rgb(39, 18, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 18, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 18, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 18, 255);  
box-shadow:4px 4px 4px 4px rgb(39, 18,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1030, 8.0839, 95.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 18, 255) }
```

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

```
.background{ background-color: rgb(39, 18,  
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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